

19980917.qrp v01_n217.qrs.980917

Date: Thu, 17 Sep 1998 19:04:44 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1217

QRP-L Digest 1217

Topics covered in this issue include:

- 1) [20270] Re: Congratulations... You FOX You ! ! !
by k5zty@juno.com
- 2) [20271] Re: Would you get a new call?
by gsurrency@juno.com (Gary L Surrency)
- 3) [20272] (groan) callsigns
by "Jerry W. O'Dell" <jwodel@ameritech.net>
- 4) [20273] RE: Ham Lidism's
by "M. Monninger" <markem@primenet.com>
- 5) [20274] ONE MORE TIME
by RangerSF5@aol.com
- 6) [20275] Re: Ham Lidism's
by "Tim, KD5CKP" <kd5ckp@bellsouth.net>
- 7) [20276] Am audio
by ac5ez@webtv.net (Larry B)
- 8) [20277] RE: Ham Lidism's
by "Jim Knopf" <knopf@halcyon.com>
- 9) [20278] Re: YL's
by lya@juno.com (L Y A)
- 10) [20279] Re: HELP!! Questions re kite supported long wire antenna for 20m
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 11) [20280] RADIAL WIRE GAUGE
by ARDUJENSKI@aol.com
- 12) [20281] Re: "Why QRP?" presentation hard copy available
by Bob Hightower <ki7mn@dancris.com>
- 13) [20282] lids and pet peaves!!
by Ab7wy@aol.com
- 14) [20283] Re deoxit
by Robert Gutknecht <bobg@cecomet.net>
- 15) [20284] Clarifying use of PVC (it works)
by "rohre" <rohre@arlut.utexas.edu>
- 16) [20285] Re: DC Motor needed?
by Clay N4AOX <wyn@worldnet.att.net>
- 17) [20286] Re: use of 88s
by "j.w. thornton" <dub@oklahoma.net>
- 18) [20287] QRP demo at SJRA Hafest
by Joe Everhart <n2cx@voicenet.com>
- 19) [20288] Re: Clarifying use of PVC (it works)

by Monte Stark <ku7y@dri.edu>
20) [20289] Re: Am audio
by Tim Ahrens <tahrens@inetport.com>
21) [20290] Deoxit
by "Ken & Linda Burrough" <ne0c@1st.net>
22) [20291] Re: Ham Lidism's
by Tim Ahrens <tahrens@inetport.com>
23) [20292] Re: Ham Lidism's - SO LID, CPY?
by Tim Ahrens <tahrens@inetport.com>
24) [20293] Re: lids and pet peaves!!
by Tim Ahrens <tahrens@inetport.com>
25) [20294] RE: Clarifying use of PVC (it works)
by Denton Bramwell W7DB <Denton@Bramwell.Org>
26) [20295] Re: Clarifying use of PVC (it works)
by applitech@mcg.net (Claton Cadmus)
27) [20296] Re: Solar Powered QRP - WARNING!
by k5zty@juno.com
28) [20297] Re: Am audio
by "Ivan Dubinsky" <ivand@mountain-inter.net>
29) [20298] Re: YL's
by w2bj@juno.com (Barry J Minsky)
30) [20299] Re: RADIAL WIRE GAUGE
by Ed Tanton <n4xy@att.net>
31) [20300] Re: Ham Lidism's
by Steve Hideg <Steve.Hideg.1@nd.edu>
32) [20301] Re: Ham Lidism's
by w4bws@juno.com (Donald E Sanders)
33) [20302] Yet Another Kudo
by "Jim Knopf" <knopf@halcyon.com>
34) [20303] Re: Ham Lidism's
by Brian Short <bshort@speedchoice.com>
35) [20304] k5zty: Re: Congratulations... You FOX You ! ! !
by k5zty@juno.com
36) [20305] RE: RADIAL WIRE GAUGE
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
37) [20306] Re: Clarifying use of PVC (it works)
by applitech@mcg.net (Claton Cadmus)
38) [20307] Re: k5zty: Re: Congratulations... You FOX You ! ! !
by Tim Ahrens <tahrens@inetport.com>
39) [20308] Re: lids and pet peaves!!
by "Randy Jouett" <nop@swbell.net>
40) [20309] Re: Solar Powered QRP - WARNING!
by "Randy Jouett" <nop@swbell.net>
41) [20310] Re: Am audio
by Monte Stark <ku7y@dri.edu>
42) [20311] Lightweight Backpacking Website
by Joe Gervais <vole@primenet.com>
43) [20312] BUBBA Logs

by Joe Gervais <vole@primenet.com>
44) [20313] vanity call Deluxe
by Jay Bromley <w5jay@alltel.net>
45) [20314] Free Stuff: Mongo coil forms (long)
by sigcom@juno.com (Stephen M Smith)
46) [20315] Re: Am audio
by "Bill Todd" <bill@willapabay.org>
47) [20316] NorCal's NEW Paddle Gallery
by Jerry Parker <jparker@fix.net>
48) [20317] RAINBOW ENCLOSURE ERATUM
by "Doug Hauff" <slmachco@fix.net>
49) [20318] Re: Am audio
by kaliic <kaliic@ime.net>
50) [20319] Re: Clarifying use of PVC (it works)
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
51) [20320] FS Icom 706 Mark II again
by Pete Meier <pmeier@tir.com>
52) [20321] Re: Am audio
by BADDBadger@aol.com
53) [20322] Subscribe Instructions
by RobCap@aol.com
54) [20323] need manual
by "david r" <elbc@pivot.net>
55) [20324] SOHO Status: Pointing at the sun
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
56) [20325] CA3160 source or equiv?
by Jim Lyons <jlyons@cam.org>
57) [20326] Re: Am audio - REALLY
by Bob Reynolds <breynold@sigg.com>
58) [20327] Azden PCS 400 schematic?
by Chris Cartwright <ccart@dns.vidtel.com>
59) [20328] Re: Solar Powered QRP - WARNING!
by Scott Howell <whowell@hq.nasa.gov>
60) [20329] Re: Solar Powered QRP - WARNING! -Reply
by Bob Reynolds <breynold@sigg.com>
61) [20330] Re: QRP-L digest 1216
by "Bryan Turner" <turnerw@email.uah.edu>
62) [20331] RE: lids and pet peaves!!
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
63) [20332] Re: YL's -Reply
by Bob Reynolds <breynold@sigg.com>
64) [20333] Re: Solar Powered QRP - WARNING!
by Scott Howell <whowell@hq.nasa.gov>
65) [20334] FT-900 help
by "Jeff M. Gold" <JGold@tntech.edu>
66) [20335] List reorganization, proposal
by "DJ Rock" <b2bn@hotmail.com>
67) [20336] Re: List reorganization, proposal

by "DJ Rock" <b2bn@hotmail.com>

68) [20337] Re: Free Stuff: Mongo coil forms (long)
by "Michael A. Gipe" <mgipe@reliablemeters.com>

69) [20338] RE: Am audio - REALLY
by "Michael St. Angelo" <mstangelo@worldnet.att.net>

70) [20339] Re: lids and pet peaves!!
by Steven Weber <kd1jv@moose.ncia.net>

71) [20340] Simple wire vertical for TTF
by Steven Weber <kd1jv@moose.ncia.net>

72) [20341] RE: Am audio - REALLY
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

73) [20342] RE: lids and pet peaves!!
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

74) [20343] Deoxit D5
by "Ken & Linda Burrough" <ne0c@1st.net>

75) [20344] My Vanity experience
by Richard Brittingham <rbritt@visi.net>

76) [20345] FW: lids and pet peaves!!
by Art Marshall <artm@t-com.com>

77) [20346] Re: Azden PCS 400 schematic?
by Chris Cartwright <ccart@dns.vidtel.com>

78) [20347] Scout mod
by dave_epps@juno.com

79) [20348] Glass Caps???
by dave_epps@juno.com

80) [20349] Lids, Newbies, & Jerks, Etc..
by DENNISMO@aol.com

81) [20350] Re: Scout mod
by marion@montana.com

82) [20351] QRP-L Reorganization Proposal
by Chuck Adams <adams@ticnet.com>

83) [20352] Gel Cell
by "James Fielden" <fielden@utkx.utcc.utk.edu>

84) [20353] RE: More PIXIE MODs
by Sam Billingsley <SBillingsley@usaninc.com>

85) [20354] Re: Gel Cell
by "Barry L. Geipel" <bgeipel@primenet.com>

86) [20355] RE: lids and pet peaves!!
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

87) [20356] Re: Glass Caps???
by "John J. McDonough" <jjmcd@tm.net>

88) [20357] Re: Lids, Newbies, & Jerks, Etc..
by gsurrency@juno.com (Gary L Surrency)

89) [20358] RE: Lids, Newbies, & Jerks, Etc..
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

90) [20359] Am I lost
by Brad Mugleston <bmug@gwl.com>

91) [20360] RE: Fox season -- was:Lids, Newbies, & Jerks, Etc..

by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
92) [20361] Re: Lids, Newbies, & Jerks, Etc..
by "Don McKechnie, W8IZZ" <donmck@erinet.com>
93) [20362] Re: FW: lids and pet peaves!!
by Norm Melick <henmel@gte.net>
94) [20363] Catch 22 ??
by Ronald_A_Pfeiffer@res.raytheon.com
95) [20364] Re: Gel Cell
by Michael Maiorana <mikemo@ibm.net>
96) [20365] Re: lids and pet peaves!!
by Michael Neverdosky <MichaelN@cycat.com>
97) [20366] Re: Fox season
by "Michael A. Gipe" <mgipe@reliablemeters.com>
98) [20367] Re: Catch 22 ??
by "Michael A. Gipe" <mgipe@reliablemeters.com>
99) [20368] RE: Gel Cell
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
100) [20369] RE: Solar Powered QRP - WARNING!
by Tracy@bytemark.com (Tracy)
101) [20370] RE: Need Source for magnet wire
by Tracy@bytemark.com (Tracy)
102) [20371] Re: Am audio - REALLY
by ka1iic <ka1iic@ime.net>
103) [20372] Re: Scout mod
by Steven Weber <kd1jv@moose.ncia.net>
104) [20373] Re: Am audio - REALLY
by ka1iic <ka1iic@ime.net>
105) [20374] 88 and all that!
by Mel Evans <MelEvansGM6JAG@compuserve.com>
106) [20375] RE: Am audio - REALLY
by cy r currier <crc3@telplus.net>
107) [20376] pet peaves!!
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
108) [20377] September Houston QRP Club Meeting
by Ed Manuel <n5em@flash.net>
109) [20378] Code short hand
by Steven Weber <kd1jv@moose.ncia.net>
110) [20379] RE: Solar Powered QRP - WARNING!
by "Cieslak, Chris" <ccieslak@LAW.UIUC.EDU>
111) [20380] Re: Solar Powered QRP - WARNING!
by nhoop@centuryinter.net (N H)
112) [20381] QRP-L Fox Hunt Tales, Anyone?
by Joe Gervais <vole@primenet.com>
113) [20382] Re: Code short hand
by Tim Billingsley <kd5ckp@bellsouth.net>
114) [20383] Re: Lids, Newbies, & Jerks, Etc..
by Robert Gutknecht <bobg@cecomet.net>
115) [20384] Re: Am audio (non QRP-related)qrp-1@Lehigh.EDUqrp-1@Lehigh.EDUqrp-

l@Lehigh.EDU
 by BADDBadger@aol.com
 116) [20385] Re: QRP, KITES, SAFETY...
 by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
 117) [20386] Oh NO! Juno bites me-I think!??
 by ka7you@juno.com
 118) [20387] Re: Am audio (overmod)
 by BADDBadger@aol.com
 119) [20388] OHR's secret magnet wire...
 by "Radman" <radman@best.com>
 120) [20389] Re: QRP-L Fox Hunt Tales
 by Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>
 121) [20390] Re: Am audio (non QRP-related)qrp-l@Lehigh.EDUqrp-l@Lehigh.EDUqrp-l@Lehigh.EDU
 by BADDBadger@aol.com

 Date: Wed, 16 Sep 1998 23:55:48 -0500
 From: k5zty@juno.com
 To: prvalko@oakland.edu
 Cc: qrp-l@Lehigh.EDU
 Subject: [20270] Re: Congratulations... You FOX You ! ! !
 Message-ID: <19980916.235753.9078.0.k5zty@juno.com>

> Requested Sked for Bill, K5ZTY
 Houston, TX

>

GMT	FOX	START	GMT	FOX	START	
>WEEK	DATE	OP QTH	TIME(Z)	DATE	OP QTH	TIME(Z)
>						
>1	10/7		10/9			
>2	10/14		10/16			
>3	10/21		10/23			
>4	10/28		10/30			
>5	11/4		11/6			
>6	11/11		11/13			
>7	11/18		11/20			
>8	11/25		11/27			
>9	12/2	K5ZTY, 02:00z		12/4		
>10	12/9		12/11			
>11	12/16		12/18			
>12	12/23		12/25			
>13	12/30		1/1/99			
>14	1/6		1/8			
>15	1/13		1/15	K5ZTY 02:00z		

>16 1/20 1/22
>17 1/27 1/29
>18 2/3 2/5
>19 2/10 2/12
>20 2/17 2/19
>21 2/24 2/26
>22 3/3 3/5
>
>What are you waiting for?
>
>73! =paul= W8KC
>Collector of Ten*Tecs and other fine plastics
>
><<http://www.acs.oakland.edu/~prvalko>>
>
>
>
>
>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 16 Sep 1998 16:38:26 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-1@Lehigh.EDU
Subject: [20271] Re: Would you get a new call?
Message-ID: <19980916.163826.3598.0.gsurrency@juno.com>

At the risk of adding to this already long running thread.....

I was first licensed as a novice with WN4LHU. ugh!
Then upgraded to advance and got, WB4LHU. ugh again.

OK, got busy, went to college, moved three times, got married, and almost forgot about the ham license. During the one year grace period, I remembered it and sent in for renewal but lost the original yucky call. yippeee!

I received KE4IA from the FCC, and was ecstatic about how nice it sounded on CW. (Try sending it in your mind. It has a nice rythmn.)

Moved to AZ, decided to get an appropriate "7" call, and got KJ7MW.

Pretty bad on CW.

OK, upgraded to Extra, and asked for a new callsign, and received the present AB7MY. Not too bad, but wish I had kept KE4IA sometimes, since it is quicker to send and recognize on CW. But heck, now I have all these wall plaques and auto call plates, so I guess I'll stick with what I have.

Callsigns. They come and they go. If you get a nice one, hold on to it.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 16 Sep 1998 19:55:28 -0400
From: "Jerry W. O'Dell" <jwodel@ameritech.net>
To: qrp-l@Lehigh.EDU
Subject: [20272] (groan) callsigns
Message-ID: <19980917005459.BTLI25759@[199.179.189.96]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My only comment is that it makes finding someone
in a callbook a relatively futile gesture any more.

Not quite so much for me. I'm 100% cw, and the
old timers I contact tend to keep their callsigns. Perhaps when
you're retired, you need the 40 bucks or whatever to
buy eats.

73 jerry w8gnd

Date: Wed, 16 Sep 1998 17:11:32
From: "M. Monninger" <markem@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [20273] RE: Ham Lidism's
Message-ID: <3.0.5.32.19980916171132.0099aa90@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The worst one I've heard on the local repeaters is "destinated", as in
"Well, I'm destinated so I'm gonna pull the big switch and head inside.
I'll be clear on your final..."

CUL... Mark AA7TA (first licensed in 1960 as WN9CJE)

Date: Wed, 16 Sep 1998 20:19:27 EDT
From: RangerSF5@aol.com
To: qrp-l@Lehigh.EDU, cw@qth.net, qrp@qth.net
Subject: [20274] ONE MORE TIME
Message-ID: <65e8b2fd.3600558f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

OK this will be my last post on this rig.
I have a Mint MFJ 30-Meter CW QRP RIG.
I'd like to swap it for a 40-M or 15-M or a 17-M.
I will consider some other qrp rigs that have at least 3 watts and 50 to 75 KC
coverage.
Or i'll sell it as is MINT CONDITION with keyer installed
\$125.00
Bob
WA2HOQ

Date: Wed, 16 Sep 1998 19:25:16 -0500
From: "Tim, KD5CKP" <kd5ckp@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20275] Re: Ham Lidism's
Message-ID: <360056EC.560A@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds awfully CBish. Is that what is happening to the phone bands,
sorry but I don't have any VHF/UHF equipment. CW and the occasional 10
meter contact 'til I get copy down to an art.

73
Tim

M. Monninger wrote:

> "Well, I'm destinated so I'm gonna pull the big switch and head inside.
> I'll be clear on your final..."

--

```
*****
* Tim Billingsley KD5CKP      FISTS #5201      Tech+ & hooked on CW
* 15 Meter Slo-Chat >>>=>  http://www.qsl.net/kd5ckp/slo-chat.htm
*****
```

Date: Wed, 16 Sep 1998 19:32:02 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [20276] Am audio
Message-ID: <14660-36005882-4201@mailtod-122.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

That tube created ancient modulation (am) audio was the most beautiful audio ham sound I ever heard. It was in 1957 and I picked up W5fap , running 75 watts am in his garage in San Antonino Texas on a portable shortwave radio that covered the 40m amateur bands. I will never forget the rich mellow tones that poured out of that old beat up portable. Its to bad am is about dead these days. I wonder if we will talk about Cw that way , some day?
Larry Ac5ez

Date: Wed, 16 Sep 1998 17:43:50 -0700
From: "Jim Knopf" <knopf@halcyon.com>
To: <qrp-1@Lehigh.EDU>
Subject: [20277] RE: Ham Lidism's
Message-ID: <000b01bde1d4\$3ccc9a00\$2d2a3fce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One I hear up here frequently on the local traffic net:

"I have negative traffic."

Makes my teeth hurt. I've been trying to figure out what negative traffic is. Zero traffic I could understand. Also positive traffic, or traffic. But negative traffic must be stolen traffic?

.....
-Jim, KI7Q
mailto:knopf@halcyon.com
Visit the "Father of Shareware" at
<http://www.halcyon.com/knopf/jim>

Date: Wed, 16 Sep 1998 20:45:09 EDT
From: lya@juno.com (L Y A)
To: qrp-1@Lehigh.EDU
Subject: [20278] Re: YL's
Message-ID: <19980916.170521.12255.2.LYA@juno.com>

With all the postings about YL's, how can I NOT say something!?

I admit, there are not many of us out there on HF and even fewer on CW. In the 3+ years I've been on HF, I've only talked with one other YL on CW. We exchanged QSL cards and it was a pleasure to QSO with her. I don't know why there are so few of us on CW. I have thought about it a lot and haven't come up with any conclusions. I like CW because it is like a foreign language. I enjoy languages and learn them easily. It is a simple, fun way to communicate.

I'd like to hear from the other YL's on the list. What are your comments? By the way, the last count of YL's in ARS was 7. Not many compared to the 300+ members we now have....

Lorraine, AC6XK
ARS #186
Queen Bee #1

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Date: Wed, 16 Sep 1998 20:01:14 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: jakecart@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20279] Re: HELP!! Questions re kite supported long wire antenna for 20m
Message-ID: <36005F5A.2D193297@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jake,

If you hang a long wire antenna from a kite most of your signal will go out to space. The main lobes of a long wire migrate towards the lengthwise direction of the antenna as it is made longer (radiates off of the ends). This can give you some gain but it will be in the wrong directions when the antenna is elevated vertically. I would suggest an end fed half wave. This would put the most signal where you want it and it won't require an extensive counterpoise. I have some information on how to feed such an antenna if your interested on one of my web pages at this URL:

<http://home.swbell.net/aa5tb/halfwave.html>

I hope this helps. Good luck.

73,
Steve Yates
AA5TB
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>
Fort Worth, Texas

Date: Wed, 16 Sep 1998 21:02:59 EDT
From: ARDUJENSKI@aol.com
To: nwq-1@scn.org, qrp-1@Lehigh.EDU
Subject: [20280] RADIAL WIRE GAUGE
Message-ID: <63f887bc.36005fc3@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Is there any information regarding the effectiveness of wire size used for radials? For portability I would like to use 22 guage but do not want to sacrifice performance. Can any of you experts share any information you might have on the subject or point me to a paper or book addressing the subject?

Much thanks...Alan KB7MBI

Date: Wed, 16 Sep 1998 18:14:14 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [20281] Re: "Why QRP?" presentation hard copy available
Message-ID: <199809170107.SAA27826@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Doc has led us to a great way to read a great slide show....but I had to find it the hard way (wouldn't take the URL he gave).

Go to <http://officeupdate.microsoft.com/index.htm>

click on powerpoint when you get there, then find the Viewer for PowerPoint 97 file for your particular version of Windows. The 95/98 version is 2.7Meg +, so be prepared to wait for it.

This slide show is something that ought to be shown at every club, to be sure. Great job!

Bob Hightower KI7MN <http://www.dancris.com/~ki7mn>

Date: Wed, 16 Sep 1998 21:10:37 EDT
From: Ab7wy@aol.com
To: qrp-1@Lehigh.EDU
Subject: [20282] lids and pet peaves!!
Message-ID: <23f2e554.3600618d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-09-16 13:24:47 EDT, you write:

<<

Here's one for ya: using "hi hi" for laughter when using phone. What in the

heck is
wrong with plain and simple laughter?

The handle here is, Randy, BTW. We'll talk at ya' later. 73's, hi hi! QSL?
>>

Randy, i have to wholeheartedly agree with this one. on phone, we use it for the purpose of exchanging conversation by simple english as you would if you were speaking to someone on the street, good songs are written with this in mind.

i feel awkward just hearing someone else on phone respond to a funny with "HIHI", i just want to jump in and say "hey, hi there, hello!!"....it may be cute to end your phone contact by saying "dit dit", but thats just being cute only, how long before we start hearing a phone qso go something like:

" R R John, im using a TS 520 to ANT INV Vee up 25 meters, but i want it at least 80 meters, HIHI, ok john 73 es C U L my friend KL7xxx dee eee Wxxxx dit dit"

when im on cw (all the time), if the band is solid, i talk like im having a normal, plain english conversation with someone if i can get away with it. but ill tell you what does bug me, it goes like this:

(station A) QRL?
(station B) yes
(station A....full kilowatt!) CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ DE W1QRO W1QRO W1QRO W1QRO (repeat 3 or 4 more times)
(station B) W1 pse qsy
(station A) ? QSY??
(station B) R R qrl pse qsy t u
(station A) (static and silence)
(station B) (ok, hes gone) 7X7SW de W1QRP pse ur rst agn bt qrm on u kn
(7X7SW) (weak) r r ur rst is 5...
(station A...a trillion watts!!) CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ DE W1QRO W1QRO W1QRO W1QRO (just long enough to hear...)
(7X7SW) sri sri om qrm bad 73 try agn when band btr 73 de 7X7SW qrt sk
(station B) AAAAAAAAAARRRRRRGGHHH!!!!

that about sums up my biggest pet peeve about being a little pistol, the victories are sweeter but the defeats are agonizing! you would figure that with a huge station like that, the receiver would be great....it probably is, its usually the op with the impatient ears that ruins the picnic.

whew! well, now that i got that off my chest, we now return you to your regularly scheduled qrp programming.

73....Adam, AB7WY.....soon to be a new call

Date: Wed, 16 Sep 1998 21:13:29 -0400
From: Robert Gutknecht <bobg@cecomet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20283] Re deoxit
Message-ID: <36006239.65E52AA1@cecomet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I want to thank the many many who responded to my plea for supplier of Deoxit. I now have several that I can use. This group is great and very helpful Thanks again.

Bob KC2JZ 72
QRP-973

Date: 16 Sep 1998 20:28:46 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [20284] Clarifying use of PVC (it works)
Message-ID: <n1306144700.54174@msmailgw1.arlut.utexas.edu>

Some comments to the effect that testing in the Microwave did not give an indication of how PVC as a dielectric works at HF, and a comment that PVC lacked suitability as a coil form cannot withstand the research findings.

I spent some time today at various Plastics industry web sites. PVC is considered "a good dielectric" But, there is PVC and pvc and --- more on this in a minute.

Also dug out the old Master, F.E. Terman, "Electronics and Radio Engineering " 4th Ed., and in Chap. 2 he says: " The merit of a capacitor or a dielectric..... With ordinary dielectrics, the phase angle is so small that the power factor, the dissipation factor, and the reciprocal of capacitor Q are for all practical purposes equal to each other and to the phase angle expressed in radians. Thus a power factor of 0.01 represents a phase angle of 0.573 degrees and a capacitor Q of 100."

A dielectric material affects other components as a capacitor would, and it is the properties of the dielectric when you talk of capacitor losses, and the power factor of a capacitor is the power factor of its dielectric. Measuring power factor then, would be another way to evaluate plastics. Place them between two plates, and check with a Sencore Capacitor tester or similar unit.

"Power factoris practically independent of the capacitor capacitance, the applied voltage, the voltage rating, or the frequency (unless polar effects are involved.)"

That sounds to me like you can test it in the microwave and feel confident that it will also work at HF. But there are several things the microwave test does for you. As someone alluded, heating might indicate entrapped water, and indeed water adsorption will degrade an otherwise good dielectric material. But equally revealed by the effect of the microwaves, is whether there are impurities of metal or filler material like metal in the PVC. And this is what I meant about PVC, pvc, etc. There are additives to the various PVC compounds. Some are for UV resistance in conduit, some for color, etc. The base materials are ethylene and chlorine. Ethylene like many other plastic raw materials comes from petroleum distillation. Nothing inherently lossy about it. Chlorine is derived from electrolysis of water according to the Vinyl Institute web diagram.

If the PVC sample is not colored, it does not heat up in my microwave, if made from cold water pipe. Also, the off white (cream) pipe fittings work well. Remember the only high voltage on the dipole is at the ends, the center is low impedance and relatively low voltage. I have not found the tees and sleeves that I use for dipole hanging insulators in the grey color of electrical conduit PVC, but hopefully I can get some scraps for further tests. Of the samples tested to date, apparently there is little to no metal to heat them up, and no retained water vapor as well.

Perhaps, with sunlight exposure to non-UV rated PVC resulted in cracking or crazing at some past time, and some ham had a failure at high power, and that is how the bad rap for PVC originated.

There appears to be no ill effect to a "750 watt" microwave oven test, with white PVC samples with a cup of tap water to load the chamber and protect the microwave from SWR.

I would be interested in anyone finding the exact dielectric constant for PVC of electrical or water pipe grade. That number was not on the sites visited today. Anyone have a recent plastics handbook?

72, Stuart K5KVH

Date: Wed, 16 Sep 1998 21:35:45 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: wyn@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20285] Re: DC Motor needed?

Message-ID: <36006771.1BF5@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Denton Bramwell W7DB wrote:

>

> Try a cordless screwdriver. They have lots of torque, turn slowly, and
> run on low voltage.

Just tore into one at work. A Milwaukee, made in USA. Sears has the
made in China units on sale for \$19.00. Output speed is 190 RPM, torque
up to about 22 inch-lbs. Start current for the 2.4 volt (2 C NiCads)
unit is a little more than 10 amps. Run current drops to a little more
than 5 amps. The gear box is a two stage planetary reducer. So buy
two, tear the second one down and use the second gear box in series with
the first and some reduced voltage or series resistance to get you down
to approx. 1 rpm.

72/73,

Clay N4AOX

Date: Wed, 16 Sep 1998 20:34:08 -0500

From: "j.w. thornton" <dub@oklahoma.net>

To: qrp-l@Lehigh.EDU

Subject: [20286] Re: use of 88s

Message-ID: <3.0.3.32.19980916203408.00c462dc@oklahoma.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 07:40 PM 9/15/98 -0500, you wrote:

>I was told by a YL many years ago that 88s was to be used only between
>two hams who had a personal relationship such as husband/wife,
>parent/daughter etc. Since then I have never used it except when signing
>off with the wife or daughter (both are hams). Has the use of 88s
>changed?

>Is it now proper (or perhaps always was) to use it after casual qsos
>with any YLs ?

Hey Gang: For me, this has always been dependent on the YL. Unless it is
a longtime acquaintance, I never initiate the "88" sign off, but certainly
will reciprocate, if she gives me an "88". While not used with every
contact between YL/OM, I never considered it to be restricted to family.

"72"

J. W. (Dub) Thornton WA5YFY

Minco, Okla.

Date: Wed, 16 Sep 1998 21:40:09 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: njqrp@njqrp.org
Cc: qrp-1@Lehigh.EDU
Subject: [20287] QRP demo at SJRA Hafest
Message-ID: <199809170140.VAA72154@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I'm pleased to announce that NJQRP in the persons of W2DP, N2APB and N2CX will be telling the world about the joys of QRP. There will be a presentation of the excellent set of slides that George (N2APB) put together for his local club and has made available on the njqrp web page. The talk and show-and-tell session will take place from 9:30 to 10:30 am at the SJRA fest tis Saturday the 12th of September. The fest will be held in the National Guard armory on Rt 38 in Mount Holly NJ.

And to get even more attention, Bill, W2DP will have his QRP+ set up in the tailgate area with a 20 meter delta loop. Operation will alternate between 20 meter SSB and CW. We had hoped to run the station in QRP Afield to really show what QRP can do. Unfortunately the 'fest will be over before that activity begins.

Even if you can't make the hamfest please give a listen on 20 for WQ2RP and we will help you make sure that *your* QRP Afield station is getting out!

72/73,

Joe E., N2CX

from South Jersey y'all!

Date: Wed, 16 Sep 1998 18:47:14 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: rohre <rohre@arlut.utexas.edu>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20288] Re: Clarifying use of PVC (it works)
Message-ID: <Pine.SOL.3.96.980916184352.11137B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

PVC and sunlight.....

Here is what I do to save the PVC.

I cover it with good black tape, like #33 or #88. I NEVER use the .25 cr*^ that is sold in your local dime store!

After a good double layer of tape, I smear on a layer of caulk or most any of the electrical brush applied sealers. Then more tape.

The higher it is, the more layers I go!

(I also always have a small drain hole on the bottom)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 16 Sep 1998 20:48:08 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: ac5ez@webtv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20289] Re: Am audio
Message-ID: <36006A58.1DB3B4A8@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow, I remember W5FAP! It was about 10 years later tho.. Nice AM signal too!

Tim W5FN

Larry B wrote:

>
> That tube created ancient modulation (am) audio was the most beautiful
> audio ham sound I ever heard. It was in 1957 and I picked up W5fap ,
> running 75 watts am in his garage in San Antonino Texas on a portable
> shortwave radio that covered the 40m amateur bands. I will never forget
> the rich mellow tones that poured out of that old beat up portable. Its
> to bad am is about dead these days. I wonder if we will talk about Cw
> that way , some day?
> Larry Ac5ez

Date: Wed, 16 Sep 1998 21:51:38 -0400
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [20290] Deoxit
Message-ID: <000f01bde1dd\$e023b360\$3207f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang

Bob KC2JZ wrote ---

>I want to thank the many many who responded to my plea for supplier of
Deoxit. I now have several that I can use. This group is great and very
helpful Thanks again.

I must have missed the answers, can someone repeat?

Tnx from the Buckeye State---Ken/ne0c

Date: Wed, 16 Sep 1998 20:51:01 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: ku7y@dri.edu, qrp-l@Lehigh.EDU
Subject: [20291] Re: Ham Lidism's
Message-ID: <36006B05.8C1E5CF5@inetport.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hmmm, it's been a long time, but I think I started using handle from the very beginning (about 67). Too many dead brain cells since then tho.. maybe I did use 'name'..! Only recently heard 'op'. Must be the politically correct thing to say nowadays.
ech

Tim W5FN

Monte Stark wrote:

>
> Much snipped.....
>
> > Really! Or how about, "The handle here is...."
>

Date: Wed, 16 Sep 1998 20:56:05 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: kd5ckp@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20292] Re: Ham Lidism's - SO LID, CPY?
Message-ID: <36006C35.67531AE1@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep, I remember it well, the time that dude called me a lid.. It was back as a novice (WN5VQK), while I still wrote all the text down.. I had to look at it a couple of times, then figured it out!

Tim W5FN

Date: Wed, 16 Sep 1998 20:58:33 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: Ab7wy@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20293] Re: lids and pet peaves!!

Message-ID: <36006CC9.628D2314@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Next thing we'll see is somebody signing an e-mail with dit dit!

: -)

Tim W5FN

> " R R John, im using a TS 520 to ANT INV Vee up 25 meters, but i want it
> at least 80 meters, HIHI, ok john 73 es C U L my friend KL7xxx dee eee
> Wxxxx dit dit"
>

Date: Wed, 16 Sep 1998 20:07:00 +0100
From: Denton Bramwell W7DB <Denton@Bramwell.Org>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [20294] RE: Clarifying use of PVC (it works)
Message-ID: <5103124387F8D11199DD00A0C925E4B91664@SQLMAILSERVER>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Not to be contradictory, but PVC and ABS are quite lossy dielectrics, and the effect is very frequency dependent. Nylon is also very lossy when you get to microwave frequencies... proved that with a TDR, a long time ago, in a project that didn't need lossy dielectric (wanna see the scars?).

Data point #1: 1997 Handbook, p15-2. Most zip cord is PVC insulated. League tests put zip cord's loss as a transmission line at just less than 4 dB per 100 ft.

Data point #2: Running distinctly non-QRP power, I built a balun out of PVC insulated wire, and stuck it on the back of my tuner. It quickly puddled. Replaced the wire with Teflon insulated wire, it worked fine.

Data point #3: Sad picture of Doug DeMaw, several years ago, in QST, fried mobile loading coil in hand. Accompanying text explained that he

had wound it on a PVC form, and that his mobile rig had melted/burned the PVC form.

PVC is an excellent dielectric at DC and low frequencies. It is not to be trusted at RF.

-----Original Message-----

From: rohre [mailto:rohre@arlut.utexas.edu]
Sent: Wednesday, September 16, 1998 7:29 PM
To: Low Power Amateur Radio Discussion
Subject: Clarifying use of PVC (it works)

Some comments to the effect that testing in the Microwave did not give an indication of how PVC as a dielectric works at HF, and a comment that PVC lacked suitability as a coil form cannot withstand the research findings.

I spent some time today at various Plastics industry web sites. PVC is considered "a good dielectric" But, there is PVC and pvc and --- more on this in a minute.

Also dug out the old Master, F.E. Terman, "Electronics and Radio Engineering " 4th Ed., and in Chap. 2 he says: " The merit of a capacitor or a dielectric..... With ordinary dielectrics, the phase angle is so small that the power factor, the dissipation factor, and the reciprocal of capacitor Q are for all practical purposes equal to each other and to the phase angle expressed in radians. Thus a power factor of 0.01 represents a phase angle of 0.573 degrees and a capacitor Q of 100."

A dielectric material affects other components as a capacitor would, and it is the properties of the dielectric when you talk of capacitor losses, and the power factor of a capacitor is the power factor of its dielectric. Measuring power factor then, would be another way to evaluate plastics. Place them between two plates, and check with a Sencore Capacitor tester or similar unit.

"Power factoris practically independent of the capacitor capacitance, the applied voltage, the voltage rating, or the frequency (unless polar effects are involved.)"

That sounds to me like you can test it in the microwave and feel confident that it will also work at HF. But there are several things the microwave test does for you. As someone alluded, heating might indicate entrapped water, and indeed water adsorption will degrade an otherwise good dielectric material. But equally revealed by the effect of the microwaves, is whether there are impurities of metal or filler material like metal in the PVC. And this is what I meant about PVC, pvc, etc. There are additives to the various PVC compounds. Some are for UV resistance in conduit, some for color, etc. The base materials are ethylene and chlorine. Ethylene like many other plastic raw materials comes from petroleum distillation. Nothing inherently lossy about it. Chlorine is derived from electrolysis of water according to the Vinyl Institute web diagram.

If the PVC sample is not colored, it does not heat up in my microwave, if made from cold water pipe. Also, the off white (cream) pipe fittings work well. Remember the only high voltage on the dipole is at the ends, the center is low impedance and relatively low voltage. I have not found the tees and sleeves that I use for dipole hanging insulators in the grey color of electrical conduit PVC, but hopefully I can get some scraps for further tests. Of the samples tested to date, apparently there is little to no metal to heat them up, and no retained water vapor as well.

Perhaps, with sunlight exposure to non-UV rated PVC resulted in cracking or crazing at some past time, and some ham had a failure at high power, and that

is how the bad rap for PVC originated.

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I would be interested in anyone finding the exact dielectric constant for PVC of electrical or water pipe grade. That number was not on the sites visited today. Anyone have a recent plastics handbook?

72, Stuart K5KVH

Date: Wed, 16 Sep 1998 21:14:13 -0500
From: applitech@mcg.net (Claton Cadmus)
To: <rohre@arlut.utexas.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20295] Re: Clarifying use of PVC (it works)
Message-ID: <083101bde1e0\$f859cac0\$a10a5e2c@groucho>

Stuart K5KVH asked:

|I would be interested in anyone finding the exact dielectric constant for PVC
|of electrical or water pipe grade. That number was not on the sites visited
|today. Anyone have a recent plastics handbook?

The dielectric constant for rigid PVC is 2.80 to 3.10 (no explanation on the variance was given)

Resistivity (ohms/cm) is greater then or equal to 10^{16} ohms (Teflon is 10^{18})

These figures are from the Plastic Properties Handbook issued from a commercial plastics machining company.

I would have to agreed that PVC is quite good for use in coils and antennas. I have microwave tested several types and have found none that showed any heating. I would not be afraid to use it, and have used it many times with no problems. I tend to use the gray colored PVC as I have that

readily available. I also haven't noticed any difference between colored and white PVC either.

Date: Thu, 17 Sep 1998 00:35:30 -0500
From: k5zty@juno.com
To: ve6bpr@cnnnet.com
Cc: qrp-1@Lehigh.EDU
Subject: [20296] Re: Solar Powered QRP - WARNING!
Message-ID: <19980917.023852.12254.1.k5zty@juno.com>

Thanks for the warning Alyn. I'm throwing my solar panel in the garbage right now before I am radiated any more.
Why didn't Mike Bryce tell me about this danger when I bought the Micro M controller from him?? I'm throwing it away too, it must be contaminated also. Hey, my OHR400 is probably ruined too. Oh my God, this may be the end of all of my ham gear. That panel has been setting in the same room with all of it. I'm calling the HAZMAT guys right now....

Bill, K5ZTY
Houston, TX
k5zty@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 16 Sep 1998 19:21:48 -0700
From: "Ivan Dubinsky" <ivand@mountain-inter.net>
To: <tahrens@inetport.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20297] Re: Am audio
Message-ID: <001801bde1e2\$027f5640\$b05ff4cc@ast>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,

For me, it was K6HQI (forget his name). Used to listen to him on my Dad's ol' Hallicrafters S-38C. This was back in the mid 60's. Even quite recently heard him on 20 meters on a freq. that the AM'ers were still using. I attribute my interest in ham radio to listening to fine amateurs like K6HQI and others like him. That old receiver also had a cw switch (bfo) that got me going on the morse code. AM is a great mode but due to the crowding of the most used bands, not too viable, any more. However, with propagation picking up on the higher frequencies, especially 10 meters, one can find plenty of room to experiment with this mode. Look just above 29.0 MHz and you might very well be surprised at what you'll hear. This mode favors qrp operation very well when conditions are hot. That's my 2 cents worth for now. Best regards to all.

Ivan Dubinsky VE8ID/VE7

-----Original Message-----

From: Tim Ahrens <tahrens@inetport.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Wednesday, September 16, 1998 6:52 PM

Subject: Re: Am audio

>Wow, I remember W5FAP! It was about 10 years later tho.. Nice AM

>signal too!

>

>Tim W5FN

>

>Larry B wrote:

>>

>> That tube created ancient modulation (am) audio was the most beautiful

>> audio ham sound I ever heard. It was in 1957 and I picked up W5fap

,

>> running 75 watts am in his garage in San Antonino Texas on a portable

>> shortwave radio that covered the 40m amateur bands. I will never forget

>> the rich mellow tones that poured out of that old beat up portable. Its

>> to bad am is about dead these days. I wonder if we will talk about Cw

>> that way , some day?

>> Larry Ac5ez

Date: Wed, 16 Sep 1998 22:02:41 -0400
From: w2bj@juno.com (Barry J Minsky)
To: lya@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [20298] Re: YL's
Message-ID: <19980916.222235.-304257.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Lorraine,

I was waiting to see if a YL would post a message on this topic. I also found it odd that noone mentioned Nancy, WZ8C, who heads up the FISTS club in North America. There are many YLs in FISTS but I have never worked one of them on the air. I wonder why. Thanks for your comments.

On Wed, 16 Sep 1998 20:45:09 EDT lya@juno.com (L Y A) writes:

>With all the postings about YL's, how can I NOT say something!?

>

>I admit, there are not many of us out there on HF and even fewer on
>CW. In the 3+ years I've been on HF, I've only talked with one other
>YL on CW. We exchanged QSL cards and it was a pleasure to QSO with
>her. I don't know why there are so few of us on CW. I have thought
>about it a lot and haven't come up with any conclusions. I like CW
>because it is like a foreign language. I enjoy languages and learn
>them easily. It is a simple, fun way to communicate.

>

>I'd like to hear from the other YL's on the list. What are your
>comments? By the way, the last count of YL's in ARS was 7. Not many
>compared to the 300+ members we now have....

>

>Lorraine, AC6XK

>ARS #186

>Queen Bee #1

>

>

>-----
>You don't need to buy Internet access to use free Internet e-mail. Get
>completely free e-mail from Juno at <http://www.juno.com> Or call Juno
>at (800) 654-JUNO [654-5866]

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701,

Knightlites, Adventure Radio Society #359,

Six Club #151, Quarter Century Wireless Ass'n #29298, Old Old Timers

Club #3723

Date: Wed, 16 Sep 1998 22:23:52 -0400
From: Ed Tanton <n4xy@att.net>
To: ARDUJENSKI@aol.com
Cc: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [20299] Re: RADIAL WIRE GAUGE
Message-ID: <3.0.5.32.19980916222352.00bf85b0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I BELIEVE that-especially considering this is the QRP group-that it shouldn't matter a whole lot-if any, Alan. I am pretty sure #22 ought to be fine. If I was using a NUMBER of radials/etc. (e.g. more than 25) I wouldn't even worry with high power. For portable use, well, I guess it will depend on how many you're willing to carry. One thing you might do, is put all those bathroom paper rolls to use instead of throwing them away when empty. You could probably get a couple of radials rolled up on one length of cardboard tubing-say one little roll at each end-and then have a simple way to keep track of even a bunch of radials, as well as keeping them from tangling too badly, and a way to store them after use. 10 small 5 or 6 inch rolls would be 20 1/10th wavelength radials for 40M/up. You could then slide the rolls on an old broomstick, and use a bungee cord hooked into a drilled hole at each end to keep 'em held down, and in place while travelling.

```
>Is there any information regarding the effectiveness of wire size used for
>radials? For portability I would like to use 22 guage but do not want to
>sacrifice performance.
>Much thanks...Alan KB7MBI
```

73

Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

INTERESTS:	QRP	BoatAnchors	Test Equipment	Photography
CW: 99.9%		Mercury Paddle # 0214		QRP to 150W: 95%

"Think you can, think you can't: either way you're right!" Henry Ford

Date: Wed, 16 Sep 1998 21:25:46 -0500
From: Steve Hideg <Steve.Hideg.1@nd.edu>
To: qrp-1@Lehigh.EDU
Subject: [20300] Re: Ham Lidism's
Message-ID: <v04003a03b22623268104@[129.74.252.90]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

```
"QSL" != "yes"
"roger" != "yes"
```

(Oh, and "!=" means "does not equal")

--Steve

Steve Hideg, N8HSC/9 QRP-L #136
 Check out the Internet QRP Club's site on the WorldWide Web:
[<http://qrp.cc.nd.edu/QRP-L/>](http://qrp.cc.nd.edu/QRP-L/)

Date: Wed, 16 Sep 1998 22:25:22 -0400
From: w4bws@juno.com (Donald E Sanders)
To: markem@primenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [20301] Re: Ham Lidism's
Message-ID: <19980916.223006.12470.2.W4BWS@juno.com>

You forgot "see you on the flip side".
Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, FL 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

```
On Wed, 16 Sep 1998 17:11:32 "M. Monninger" <markem@primer.net> writes:
>The worst one I've heard on the local repeaters is "destinated", as in
>"Well, I'm destined so I'm gonna pull the big switch and head
>inside.
>I'll be clear on your final..."
>
>CUL...      Mark      AA7TA      (first licensed in 1960 as WN9CJE)
```

>
>

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Date: Wed, 16 Sep 1998 19:38:46 -0700
From: "Jim Knopf" <knopf@halcyon.com>
To: <qrp-1@Lehigh.EDU>
Subject: [20302] Yet Another Kudo
Message-ID: <000c01bde1e4\$4b2bd9c0\$2d2a3fce@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At the risk of embarrassing Dave, I would like to post some unsolicited
praise of Small Wonder Labs and Dave's outstanding service and support.

My WM-75 80-meter ssb kit was shipped immediately upon receipt of my check
(no waiting for it to clear).

All of my email questions were answered same-day. One day, Dave and I
exchanged 3 sets of messages. It was about as good as talking to him on the
phone ... mebbe better, because I had hard copy to look at!

My request for a replacement part was mailed out same-day, no questions
asked.

The rig works beautifully and on the air reports are always full of surprise
and praise at the signal strength and audio quaility. It's great sport
checking into the QRO traffic nets and showing off!

I'm sure that other companies on this list are also excellent, it's just
that Small Wonder Labs is my first experience. Couldn't let their
outstanding work go unnoticed.

.....
-Jim, KI7Q
<mailto:knopf@halcyon.com>
Visit the "Father of Shareware" at
<http://www.halcyon.com/knopf/jim>

Date: Wed, 16 Sep 1998 18:44:18 +0100
From: Brian Short <bshort@speedchoice.com>
To: qrp-1@Lehigh.EDU
Subject: [20303] Re: Ham Lidism's
Message-ID: <199809170243.TAA01367@mail.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>You forgot"see you on the flip side".

How about "Melt Solder" ?

--
Brian K. Short 1994 E Laguna Dr Tempe, Az 85282
k7on@qsl.net <http://www.qsl.net/k7on> (602)839-3484
--

Date: Thu, 17 Sep 1998 03:04:32 -0500
From: k5zty@juno.com
To: prvalko@oakland.edu
Cc: qrp-1@Lehigh.EDU
Subject: [20304] k5zty: Re: Congratulations... You FOX You !!!
Message-ID: <19980917.030447.12254.4.k5zty@juno.com>

Paul,

Here are a couple of more dates, but I don't know what's taken so It's just a guess. I'm not choosy about a date. I'd rather not start in Oct. and I'd rather not have Christmas or New Years Eve. So, If these dates are taken also, put me in somewhere and let me know. I would like a 02:00z starting time.

72,
Bill, K5ZTY

> Requested Sked for Bill, K5ZTY
Houston, TX

>

GMT	FOX	START	GMT	FOX	START
>WEEK	DATE	OP QTH	TIME(Z)	DATE	OP QTH
>					
>1	10/7		10/9		
>2	10/14		10/16		
>3	10/21		10/23		
>4	10/28		10/30		
>5	11/4		11/6		
>6	11/11		11/13		
>7	11/18		11/20		
>8	11/25		11/27		
>9	12/2		12/4		
>10	12/9	K5ZTY 02:00Z	12/11		
>11	12/16		12/18		
>12	12/23		12/25		
>13	12/30		1/1/99		
>14	1/6		1/8		
>15	1/13		1/15		
>16	1/20		1/22		
>17	1/27		1/29		
>18	2/3		2/5	K5ZTY 02:00Z	
>19	2/10		2/12		
>20	2/17		2/19		
>21	2/24		2/26		
>22	3/3		3/5		

>

>What are you waiting for?

>

>73! =paul= W8KC

>Collector of Ten*Tecs and other fine plastics

>

><<http://www.acs.oakland.edu/~prvalko>>

>

>

>

>

>

>

----- End forwarded message -----

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 Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 16 Sep 1998 21:56:44 -0500

From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [20305] RE: RADIAL WIRE GAUGE
Message-ID: <000201bde1e6\$cefb1110\$343247cf@homedad.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

#22 wire will work just fine BUT be sure it is insulated. #22 wire will corrode quickly when under ground. I use #12 because it is easy to work with and it will last forever.

Kevin, WB5RUE

Date: Wed, 16 Sep 1998 21:42:17 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@Lehigh.EDU>, <Denton@Bramwell.Org>
Subject: [20306] Re: Clarifying use of PVC (it works)
Message-ID: <085801bde1e8\$e3c14b80\$a10a5e2c@groucho>

|Data point #1: 1997 Handbook, p15-2. Most zip cord is PVC insulated.
|League tests put zip cord's loss as a transmission line at just less
|than 4 dB per 100 ft.

|Data point #2: Running distinctly non-QRP power, I built a balun out of
|PVC insulated wire, and stuck it on the back of my tuner. It quickly
|puddled. Replaced the wire with Teflon insulated wire, it worked fine.

These two "data points" are for "flexible" PVC not rigid that is used in common plumbing pipe and fittings. It's the additives that make it flexible that also reduce it's properties.

|Data point #3: Sad picture of Doug DeMaw, several years ago, in QST,
|fried mobile loading coil in hand. Accompanying text explained that he
|had wound it on a PVC form, and that his mobile rig had melted/burned
|the PVC form.

The cause was probably heat that melted the plastic. Teflon would have survived, but should a proper design heated up in the first place?

Besides, how hot can it get at QRP levels. You can bet that Doug was using a bit more power.

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Wed, 16 Sep 1998 22:18:08 -0500

From: Tim Ahrens <tahrens@inetport.com>

To: k5zty@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [20307] Re: k5zty: Re: Congratulations... You FOX You ! ! !

Message-ID: <36007F70.C74C14BD@inetport.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well, that's two foxes I can kiss off....

Bill, didn't you remember that we Texans gotta stick together.. if we want to rid 40 meters of foxes, we go blasting together, not at one another.

aww shucks.

Tim W5FN

hi hi

hee hee

Date: Wed, 16 Sep 1998 22:51:25 -0500

From: "Randy Jouett" <nop@swbell.net>

To: <Ab7wy@aol.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20308] Re: lids and pet peaves!!
Message-ID: <009301bde1ee\$83df7dd0\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>In a message dated 98-09-16 13:24:47 EDT, you write:
>
><<
> Here's one for ya: using "hi hi" for laughter when using phone. What in the
>heck is
> wrong with plain and simple laughter?
>
> The handle here is, Randy, BTW. We'll talk at ya' later. 73's, hi hi! QSL?
>>>
>
>
>Randy, i have to wholeheartedly agree with this one. on phone, we use it for
>the purpose of exchanging conversation by simple english as you would if you
>were speaking to someone on the street, good songs are written with this in
>mind.

Exactly, Adam! It's something people can relate with and let's them know that you are acting as you would in public. A lot of hams seem to think that throwing in that "special lingo" defines them as being not only a ham, but a great ham.

Let's take a look at Steven King. When this dude creates a character, it's like this imaginary person actually exists, you know him/her, or you have someone that lives next door or at work that's the splitting image of this person. THAT is why he's such a successful writer. If hams could only use this tactic when talking (CW or phone), there would be a heck of a lot more decent conversation on the ham bands, no matter what mode was being used. I've just about had it with, "WX here is fine...temp around 1.6 million degrees here on the sun. Ant is a super-duper phased scooper, which has about 15-million db gain over a pair of my wife's wet pantyhose...but I can't get a few 100k db gain if I use starch.... seeya...and 73."

Actually, running qrp changes this somewhat. Not only are we getting a kick out of using low power, the other station, more often than not, will also get a kick out

of it

and "instant, decent" conversation has arrived. That is, we now have something to talk about. I bet that many a rag-chew has arisen from op's using Pixie's, for instance.

> i feel awkward just hearing someone else on phone respond to a funny with
>"HIHI", i just want to jump in and say "hey, hi there, hello!!"....it may be
>cute to end your phone contact by saying "dit dit", but thats just being cute
>only, how long before we start hearing a phone qso go something like:

Agreed! One thing that I've noticed: if a ham uses "hi hi" on phone, he/she hardly ever uses the mode. They are usually 95% CW, and they totally dominate the conversation. I have no problem with long-winded conversation on CW...it's expected, but not on phone. Not only that, but they expect a round-table discussion to go in a specific order, as in you're #1, I'm #2, and they're #3, even if it was a casual free-for-all before they broke in! OH -- and they broke into the conversation with "Break! Break! Break!"

That's another one that gets my goat: using the world-over emergency signal to interrupt a conversation to ask if you know W5xxx or for a singal report. What's wrong with, "AB7WY, this is AB5NI." If that doesn't work: "Hey, this is AB5NI, and I just thought I'd pop in and say hello."

Yes...some of this -- if not all! :^) -- is stereo-typical BS, but most of us have heard this and it does exist on the ham bands. Fortunately, it's a medium-rare event :^).

> " R R John, im using a TS 520 to ANT INV Vee up 25 meters, but i want it
>at least 80 meters, HIHI, ok john 73 es C U L my friend KL7xxx dee eee
>Wxxxx dit dit"

Yep -- I can see it coming, Adam! "That's a BIG QSL, OM!" Here's another: How about saying, "Fine business" on phone....YAK!

Seriously, I was thinking about asking for W5LID when renewal time arrives and acting like a TOTAL LID when I got on the air. :^)
:^) :^). When people would ask why I was acting this way, I'd say, "Well, this is how you are NOT supposed to act. Is that a big QSL, old man? Over (or roger beep)." Something tells me that the call is still available. Oh..and I want to go to Dayton donning a HUGE W 5 L I D t-shirt, too! :^). They way I figure it, the ARRL and the FCC will eventually take notice of me and say to the newbie hams, "So, it you want to know how to be a TOTAL AND COMPLETE LID,

tune around the bands and listen
up for W5LID." I'll be using tons of Q signals, tuning my amp up in cw mode and
running it on the ssb position -- splatter heaven,
oh yeah! -- throwing out massive amounts of "by gollies" and "rogers," and making
absolutley sure that I end every xmission with
"QSL?" :^) :^) :^)...Come to think of it, Adam and Nils have a standing invite to
operate W5LID :^)

Almost forgot!! I'll also make sure that I "Q R Zed the frequency..is the
frequency in use" every time I'm "QSYing" to a new freq.
:^). I actually answered a Q R Zed the frequency... is the frequency in use with,
"This is the frequency, and I wasn't calling you!"
:^)

> when im on cw (all the time), if the band is solid, i talk like im having a
>normal, plain english conversation with someone if i can get away with it.
> but ill tell you what does bug me, it goes like this:
>
> (station A) QRL?
> (station B) yes

Send a lot of R's, Adam...It's faster, and he'll have a better chance of hearing
your sig.

> (station A....full kilowatt!) CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ
>CQ CQ CQ DE W1QRO W1QRO W1QRO W1QRO (repeat 3 or 4 more times)
> (station B) W1 pse qsy
> (station A) ? QSY??
> (station B) R R qrl pse qsy t u
> (station A) (static and silence)
> (station B) (ok, hes gone) 7X7SW de W1QRP pse ur rst agn bt qrm on u kn
> (7X7SW) (weak) r r ur rst is 5...
> (station A...a trillion watts!!) CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ CQ
>CQ CQ CQ CQ CQ DE W1QRO W1QRO W1QRO W1QRO (just long enough to hear...)
> (7X7SW) sri sri om qrm bad 73 try agn when band btr 73 de 7X7SW qrt sk
> (station B) AAAAAAAAAAARRRRRRRGHHH!!!!

This is when you whip out the 4CX15000 and smash :^) :^). I actually did this at
a W4-land station in south Florida :^). 30-L 1
(full bore) driving that puppy. 3" hardline feeding a fullsize, 4-element, 40-mtr
yagi at 175' (Special-built Sky Needle). The yagi
was made out of Rohn 25-G. :^) :^)......and yes...revenge was sweet. I was 60 over
in Alaska, BTW :^) :^). I bet a couple of hams on
here remember whose station that was, too! :^) Hint hint. He also had a home in
Carolina and went by the nic name of Zack. Those

were my outlaw days when I was young and stupid. The verdict is still out on the stupid, or so my mom says :^)

> that about sums up my biggest pet peeve about being a little pistol, the
> victories are sweeter but the defeats are agonizing! you would figure that
> with a huge station like that, the receiver would be great....it probably is,
> its usually the op with the impatient ears that ruins the picnic.
> whew! well, now that i got that off my chest, we now return you to your
> regularly scheduled qrp programming.

Qrp programming...wud that be micro-code? :^)

Here's another for the road: "Alot.""It's a lot." No space, thank you very much :^)

Randy "I think Nils is rubbing off on me" Jouett. Just pickin', Nils :^) :^)
AB5NI
nop@swbell.net

P.S.

Some people on this list seem to think I'm sum kinda' newbie ham.
Check out my call on one of the databases and you'll see why I
changed my call. Damn...I hope some lucky YL got the dang
thing!!! :^) :^)

P.P.S.

Sorry about all this non-qrp drivel. I had to get this off my shoulders. OTOH, I
didn't start this conversation...Oh,
well....again....sorry, and I'll shut up and sit on the dunce stool. Do I at least
get to sneak an SST and vertical into the dunce
cap?? :^)

Date: Wed, 16 Sep 1998 23:17:47 -0500
From: "Randy Jouett" <nop@swbell.net>
To: <ve6bpr@cnnnet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20309] Re: Solar Powered QRP - WARNING!
Message-ID: <009a01bde1f2\$21a77600\$210aa8c0@aldebran>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
>
>I've just recently gone solar powered for my QRP operations. I'm using a 7
>watt panel to charge a 20 Amp/hr gell-cell. I'm using a controller I
>homebrewed from an issue of 73 magazine. (June/94 - Page 10 - MRP4 Solar
>Panel Control Circuit) This is a construction article by Mike Bryce,
>WB8VGE. The controller appears to be working very well. It was a fun
>project, and can be assembled and adjusted in an hour or so. The circuit
>board layout is included in the article, so I used the "Iron-on method". Now
>i've just gotten this bulletin! What have I done? Be carefull if you are
>planning to go solar!
>AL, VE6BPR.....sk

Good for you!

>Many groups and individuals are proposing that our government spend tax
>money on research and development of systems to utilize solar energy. They
>urge construction of vast solar energy collectors to convert sunlight to
>electricity to supply our energy needs. They would even put solar collectors
>on roofs of homes, factories, schools, and other buildings. Proponents of
>this technology claim that solar power will be safer and cleaner than coal,
>oil, or nuclear energy sources.

>
>We view these proposals with alarm. Unscrupulous scientists and greedy
>promoters are hoodwinking a gullible public. We consider it rash and
>dangerous to commit our country to the use of solar power. This solar
>technology has never been utilized on such a large scale, and we have no
>assurance of its long-range safety. Not one single study has been done to
>assess the safety of electricity from solar energy as compared to
>electricity from other sources.

>
>The promoters of solar power cleverly lead you to believe that it is
>perfectly safe. Yet they conveniently neglect to mention that solar power is
>generated by nuclear fusion within the sun. This process operates on the
>very same basic laws of nuclear physics used in nuclear power plants and
>atomic bombs!

Atomic bomb scare tactics!!! LOL!!! Listen, and listen up well, folks. I've worked
in the oil biz for years and this is the truth of
the matter. The major oil companies and feds are scared crapless of using solar
power. The worlds economy is based on petroleum

distillates, and that isn't going to change any time soon. If solar power gained acceptance,
a MAJOR world-economic shift would take place with MANY of us loosing our livelihoods.
Think on how your job would be affected, for instance. The majority of stocks and bonds in the world are owned by energy companies.
THEY control the stock market.

It's true that we'd be MUCH better off getting away from oil, but we have to do it at a slow pace. An instant transition would be disastrous.

I didn't read the rest of this, but I can tell you it's complete and total crap!!! Solar energy is a viable, and the feds just better get use to it!!! Besides, at the going rate of consumption, we won't have enough oil to make plastics in 50 years!!!
These oil chumps control the money and the power and will continue to have the power until we are all long gone and buried. Don't think for a second that they aren't going to control solar energy when it comes along, either. They are the only ones with enough cash flow to pull it off....and that's why I work for em.

Date: Wed, 16 Sep 1998 21:17:38 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20310] Re: Am audio
Message-ID: <Pine.SOL.3.96.980916211126.11581B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

One little reminder....

All the great sounding AM rigs used plate modulation. No fancy workarounds. Just plane ole' plate modulation.

Most of the rigs that I see today don't do it the same way and lack that magic sound!

Not sure that modulation methods are what does it, but the AM of today doesn't sound like the AM of the 50's!

(I'm talking amateur here folks, not the AM dial on your car radio!)

And I not convinced that trading a super sounding rig in for something that sounds more like Donald Duck really made sense!

And don't bother with all the B/W numbers. I'm talking QRM/QRN, people who can't zero beat, splatter, splatter and more splatter! Yep, I know how great SSB is....

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 16 Sep 1998 22:10:27 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [20311] Lightweight Backpacking Website
Message-ID: <199809170510.WAA07100@usr09.primenet.com>

Howdy Folks,

With QRP Afield just days away, I thought it might be a good time to bring my ultralight backpacking website into the light of day. I've been (very) slowly building it since January and though I'm still not finished, it has plenty of info that may prove helpful to would-be "foot mobile" QRP Field Ops.

<<http://www.primenet.com/~vole/ultralight.html>>

Haven't tied in QRP to the site yet, but plan on adding a "how to" page for ultralight ham radio (QRP, naturally!), links to the Adventure Radio Society (of course ; -) and the other major QRP sites for folks to explore. See if I can promote my two favorite hobbies at the same time. :)

I have some links to commercial suppliers/retailers, but I have no financial ties to any of them. Just a satisfied customer.

With any luck I'll have more trip reports by next summer, from outings with backpacking QRPers here on the List. Have SST, will travel. :-)

Gotta get my work schedule straightened out so I can get on the trail with you guys! Sorry for all the cancellations... :-)

Anyway, hope the site's useful to some of you. Figure with more of us heading into the backcountry to operate, shaving off a dozen pounds or so off our pack load might leave us with more energy to set up and operate the QRP station. :-)

I'll be listening for ya this Saturday!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."
- Dave, Fellow Snow Camper

Date: Wed, 16 Sep 1998 22:18:23 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [20312] BUBBA Logs
Message-ID: <199809170518.WAA07457@usr09.primenet.com>

Howdy again Folks,

I've now sent "BUBBAcknowledgement" notes to everyone who emailed a BUBBA log to me. If you haven't received one yet, I haven't gotten your email log. If you sent a paper log, no worries. I'll post preliminary results next month and you can catch any of my errors there.

Also, since the bands were so crummy I've chosen to increase the number of random prizes as a way of saying "thanks for suffering through it!"

So your odds of having some oh-fish-ul BUBBA microwave pork rinds show up in your mailbox will be much better

this year. Yep, knew you'd be thrilled. :-)

(Note to fellow ScQRPions - I'll foot the bill on the extra pork rinds, don't worry. The magic of Costco.... ;-))

Thanks again to all who joined BUBBA-dom!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Thu, 17 Sep 1998 00:23:43 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20313] vanity call Deluxe
Message-ID: <36009CDF.59E70FF1@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just had to add my 3 cent's worth on the vanity call thing before all the filters kicked in.

I had my list made out with 1x2's and 2x1's ready for the first gate but, work kept me from getting it in till the following Wednesday. I looked over the list and I had one 1x3 call on it. It was #20 W5JAY. I got out a new form and put it as my number one choice and moved all the rest down. Sure enough all the fancy short calls were gone after the first round. After having KA5DGH for nearly 20 years I just wasn't sure I did the right thing changing my call sign. Well I guess it was meant to be, I got it for better or worse.

Mentally the hardest change was on phone, I kept saying the old call instead of the new. What was funny was I never messed up the new call on CW, go figure? It took about a year before it felt right on phone. I think phone contests helped get me over the hump.

Now some of the pluses of having W5JAY.

1. Looks good on QRP-L and on packet DX clusters, ect.
2. Hearing DX stations chuckle after they log your name (sometimes it takes a while).
3. People never forget you when you meet them. Always good for a laugh (name in call).

4. Getting stopped at Dayton because they see the call on your hat.

Now for the minuses of having W5JAY

1. Still to long on CW but, better than WN5JZX (my novice call).
2. Enduring comments like "Oh, I see you bought your call"
(This is easy to fix by saying no "I EARNED IT! How about you?")
3. If you mess up on the air you stick out like a sore thumb among your peers!
(Don't put that new key on the air till it is adjusted right)
4. People stopping you when your in a hurry at Dayton because they see the call on your hat.

The bottom line do I have any regrets? No, I love it and this will be my last call sign!

Like some of you I was curious about the history of my call and did find out it belong to a chap in Fort Worth, Tx. His named was David E. Wilbanks. So far I have never run into anyone that knew him. This will make a neat on the air QSO if I do.

73 de w5jay

Jay Bromley
Fort Smith, AR.

Date: Thu, 17 Sep 1998 01:26:46 EDT
From: sigcom@juno.com (Stephen M Smith)
To: qrp-l@Lehigh.EDU
Subject: [20314] Free Stuff: Mongo coil forms (long)
Message-ID: <19980916.222548.8143.5.sigcom@juno.com>

Group,

The Scrounger strikes again. OK, I confess. I've been digging in the trash again, and at my age :-).

Went out back of the shop yesterday to dump my office trash can (yes, I do occasionally throw something away). Looked into the dumpster and there were three partial spools of CATV cable thrown away by our local "cable jockeys" (cable TV install contractors). So I grabbed 'em and drug the things into the shop (my secretary giving me the usual look). Apparently when they get down to the last 100 feet or so on a 1000 ft. spool, it's trash. Shame. Spooled off 100, 110 and 150 of quad-shielded 75 Ohm coaxial cable, nice stuff. So, big deal you say. Ahh, but wait,

there's more! Now, the center of cable spools used to be a cardboard tube. Now they make them from.....PVC! So I disassembled the spools and now I have 3 pieces of PVC tube 11-1/2 inches long by 3-7/8" in diameter, walls are schedule 20. Cool. I don't exactly know what I'll do with these things, but I imagine that I could use them for 160 meter loading coils, Tesla coil secondaries or some other kind of -big- coil! Yeah, yeah. I can hear the poop-outs: "PVC is too lossy". Maybe, maybe not. You won't know until you try it.

Moral of story: Make friends with your local cable company. Grab whatever they'll give you, -or- dig in the trash, if you dare! Neat stuff. One of these days, I'm going to build a complete transceiver from scrounged stuff. Hey, it's an affliction. It started when I was a Novice and built my first transmitter spending only 75 cents for one capacitor and scrounging everything else :-).

73.....Steve, WB6TNL Oxnard, CA QRP-L # 621 NorCal # 2065 SCQS # 41

ex-WN6TNL (1967)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 16 Sep 1998 22:52:57 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <ku7y@dri.edu>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [20315] Re: Am audio
Message-ID: <004001bde1ff\$6cb2a900\$2b4ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>One little reminder....

>

>All the great sounding AM rigs used plate modulation. No
>fancy workarounds. Just plane ole' plate modulation.

Hi Ron -

I'm with you! I use an ancient Multi-Elmac AF-67 on 75 and 160 meter AM,

and the audio from this rig is really good. Also, I use the ever-popular D-104 mic - and the combination can't be beat for good sounding audio.

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Wed, 16 Sep 1998 23:59:30 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [20316] NorCal's NEW Paddle Gallery
Message-ID: <2.2.32.19980917065930.0071638c@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Larry East sent us a super picture of his unique "NorCal Paddles" along with a great write up.

What a great idea, a "NorCal Paddle Gallery", thanks Larry.

Send your favorite picture of your paddles in jpeg format and a short writeup via email to me and we will add it to the "NorCal Paddle Gallery".

Thanks again Larry, super job....

Enjoy,,,72,,,Jerry...WA6OWR...K

The NorCal Page: <http://www.fix.net/norcal.html>

Date: Thu, 17 Sep 1998 05:00:21 -0700
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-1@Lehigh.EDU>
Subject: [20317] RAINBOW ENCLOSURE ERATUM
Message-ID: <199809170756.AAA22635@fletch.fix.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Go Figure... I built my first Rainbow Tuner with the Mouser variable cap, never mounted the trim cap, checked out OK. Built first prototype enclosure, installed tuner, checked OK. Finalized design, wrote programs, machined first production Rainbow Enclosure, installed tuner, checked OK. Machined entire run, sent to anodizer, reinstalled tuner in anodized enclosure, would not check out OK. Figgered I musta messed something up with all the musical enclosure routine, shipped enclosures...got a report of non-function from Marv Fagensen who also talked to Joe Everhart, who is looking at it, Marv cut one of the variable cap sections out, worked OK. So I did the same, with same results: Rainbow Tuner wants only one section of the variable cap.

CORRECTION TO RAINBOW ENCLOSURE MANUAL:

DO NOT USE BOTH SECTIONS OF VARIABLE CAPACITOR, SOLDER TO CENTER CONNECTOR AND BOTTOM CONNECTOR (as viewed with variable cap installed in enclosure) ONLY!

Sorry for the error folks!!!

72 Doug Hauff KE6RIE

Date: Thu, 17 Sep 1998 03:59:25 -0700
From: kaliic <kaliic@ime.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20318] Re: Am audio
Message-ID: <3600EB8D.7BA2@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Everyone,

Try listening to 3.885 Mhz in the early evenings and on weekends, there are quite a few of these older AM rigs on the air from time to time,

I myself am the proud owner of a Collins 32V1 AM rig and I fire it up

every noe and then, just for the fun of it. BTW AM is best heard on a good detection system with a bandwidth of about 10Khz.

73
Vince
kaliic
-.-.-.

Monte Stark wrote:

>
> One little reminder....
>
> All the great sounding AM rigs used plate modulation. No
> fancy workarounds. Just plane ole' plate modulation.
>
> Most of the rigs that I see today don't do it the same
> way and lack that magic sound!
>
> Not sure that modulation methods are what does it, but
> the AM of today doesn't sound like the AM of the 50's!
>
> (I'm talking amateur here folks, not the AM dial on
> your car radio!)
>
> And I not convinced that trading a super sounding rig
> in for something that sounds more like Donald Duck really
> made sense!
>
> And don't bother with all the B/W numbers. I'm talking
> QRM/QRN, people who can't zero beat, splatter, splatter
> and more splatter! Yep, I know how great SSB is....
>
> :-)
>
> 73, Ron, SOWP 5545M,
>
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
Z

Date: Thu, 17 Sep 1998 04:17:32 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: rohre <rohre@arlut.utexas.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20319] Re: Clarifying use of PVC (it works)
Message-ID: <Pine.GS0.3.96.980917040522.14833D-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Let me add a mechanical note to Stuart's fine run down of PVC information.

Although the grey electrical conduit version of PVC comes in sizes comparable to the white water version (which has several available wall thicknesses, Schedule 40 being the heaviest that is readily available), the fittings are not always comparable. In some instances, the gray fittings are thinner wall than the white. Hence, while working in their intended environment, they may not have the structural strength of the white fittings. I use PVC for center insulators, booms, and even boom-to-mast stubs. In the last category, for instance, I can size white fittings to give a snug fit to the top of a TV mast, but the comparable gray fitting slides right down, due to its thinner wall.

It pays to get samples of lots of PVC fittings and short lengths of various tubes in available wall thicknesses to literally play with to see what goes together and what does not--along with some scraps of aluminum tubing to see what fits what. You may come up with some unusual combinations with which to make couplings. Or role-around table frames, yard benches, arbors and trellises, deck furniture, or just abstract sculpture (call-signs in PVC?)

I wonder if anyone has done the microwave test with a cemented junction of PVC (using the prescribed surface cleaner and cement, of course).

-73-

LB, W4RNL

Date: Thu, 17 Sep 1998 06:14:48 -0000
From: Pete Meier <pmeier@tir.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [20320] FS Icom 706 Mark II again

Message-ID: <199809171008.GAA22104@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Slightly reduced price;
Icom 706 Mark II with 350 hz cw filter. Absolutely mint - like new only 3 months old. Never been mobile. Includes hand mike and original boxing and manual. (No DSP) Does QRP to about 3 watts. Making room for K2

Price is firm at \$845 BUT will include shipping and insurance within US
(48)

email to pmeier@tir.com

Date: Thu, 17 Sep 1998 07:04:43 EDT
From: BADDBadger@aol.com
To: qrp-l@Lehigh.EDU
Subject: [20321] Re: Am audio
Message-ID: <473bde68.3600eccb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I'm in general agreement with the solid sound of good plate modulation. By the way, modulation of over 100% w/o splatter is possible. In my early 20's, I was the chief engineer of a clear-channel AM station on 1510 KHz in the late 60's and over-modulation was the name-of-the-game. For ham use (non-QRP related) nothing sounds sweeter and gets out better than a pair of 833's over-modulating a pair of 833's into a directional 5/8 wavelength vertical array on 75 meters (whenever the radio station was off the air). I'd call CQ and have LA's returning, and they say they can't make out any other US stations.

Date: Thu, 17 Sep 1998 07:23:40 EDT
From: RobCap@aol.com
To: qrp-l@Lehigh.EDU
Subject: [20322] Subscribe Instructions
Message-ID: <3c26e299.3600f13c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi-

Could somebody please send subscribe instructions to this e-mail address:

Gerald_Moritz@pskdd.psk.co.at

Gerald is trying to subscribe to the QRP-L, and I've lost the subscribe instructions.

73,

Rob, W3DX

Date: Thu, 17 Sep 1998 07:44:26 -0400
From: "david r" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [20323] need manual
Message-ID: <007201bde230\$86b5a240\$543d62ce@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good morning all,

Wonder if anyone on the list has a manual for a Heat Hm 2140 watt meter.
thanks ,
Dave Kc1di

Date: Thu, 17 Sep 1998 08:14:27 -0400
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [20324] SOHO Status: Pointing at the sun
Message-ID: <3600FD23.754D9B85@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This url was posted on the amsat-bb list regarding the status of SOHO:

<<http://sohowww.nascom.nasa.gov/operations/Recovery/>>

There is a day by day status report... very interesting...

73

Tom, kv2x

Date: Thu, 17 Sep 1998 09:33:30 -0400
From: Jim Lyons <jlyons@cam.org>
To: qrp-1@Lehigh.EDU
Subject: [20325] CA3160 source or equiv?
Message-ID: <3.0.5.32.19980917093330.00829100@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm building the Directional Wattmeter on page 217 of QRP Classics and have not been able to find a ready (free of minimum orders or high handling charges) source.

Is there a drop-in equivalent for the CA3160?

Any comments on this wattmeter? I got the board from Far and everything is going fine apart from the problem finding the CA3160 op amp.

Thanks.

Jim Lyons, VE2KN

Date: Thu, 17 Sep 1998 08:48:30 -0500
From: Bob Reynolds <breynold@sigg.com>
To: qrp-1@Lehigh.EDU
Subject: [20326] Re: Am audio - REALLY
Message-ID: <98Sep17.084524cdt.26911@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Burns me up - have to get in
Remember SSB IS AM

What do you get when you suppress the
carrier of FM - guess I'll have to ask the
CB'er who told me to point the yagi into the
wind because it catches signals better.

73. Red K5VOL

fyi

Date: Thu, 17 Sep 1998 10:05:07 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [20327] Azden PCS 400 schematic?
Message-ID: <Pine.LNX.3.93.980917095949.814B-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have a schematic or service manual for a 2M Azden PCS 4000? Right
now its QRPpppppp :) I'm getting picowatts out, just enough to tickle the
scope. Could be the final module, or pin diodes, or something else
entirely (no schema, can't tell). Gladly reimburse copying/postage. No
rush, this is a "loaner" rig and got it back with this "mod". :)

72 all y'all (MD is south of the Manson/Nixon line)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 17 Sep 1998 10:09:02 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: nhoop@centuryinter.net, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [20328] Re: Solar Powered QRP - WARNING!
Message-ID: <3.0.5.32.19980917100902.007f34f0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well then what we need to do is invent a new Sun. One that is faster, smarter, and better. Hmm, sounds like a Government Problem. Maybe we could have two Suns one qrp and one qro. Qro for those that want to get all burnt round the edges and one qrp that we could use for our hoby.hmmmm maybe onto something. Oh, well we all know a Ham will build the next Sun. Maybe it could be controled by a qrp station.

At 10:13 PM 09/16/1998 GMT, N H wrote:

>>At best, solar energy is only a
>>temporary band-aid. Recent calculations indicate that the "Sun Will Go Out
>>in a Billion Years As Its Fuel Runs Out" (Source: newspaper

Date: Thu, 17 Sep 1998 09:16:59 -0500
From: Bob Reynolds <breynold@sigg.com>
To: whowell@hq.nasa.gov, qrp-l@Lehigh.EDU
Subject: [20329] Re: Solar Powered QRP - WARNING! -Reply
Message-ID: <98Sep17.091424cdt.26912@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>> Scott Howell <whowell@hq.nasa.gov>
09/17 9:09 am >>>
>well then what we need to do is invent a
>new Sun. One that is faster,
>smarter, and better. Hmm, sounds like a
>Government Problem.

Sounds good. I'll apply for a 73 million dollar grant from the government to study this.

73, red K5VOL

Date: Thu, 17 Sep 1998 09:27:11 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [20330] Re: QRP-L digest 1216
Message-ID: <199809171429.JAA24568@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

My digest today contained 99 messages. I checked the titles and just over half had nothing to do with QRP. The signal to noise ratio is going the wrong way; some of us don't have an hour a day to sit around reading inside jokes. (And don't forget the reposting, overquoting, me-tooing, and huge signatures.)
73 Bryan W8LN

Date: Thu, 17 Sep 1998 09:26:41 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [20331] RE: lids and pet peaves!!
Message-ID: <19980917142642446.AAA167@muenzlerk>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Randy Jouett
> Sent: Wednesday, September 16, 1998 10:51 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: lids and pet peaves!!
>
> In a message dated 98-09-16 13:24:47 EDT, you write:
>
><<
> Here's one for ya: using "hi hi" for laughter when using phone. What in
the
> heck is
> wrong with plain and simple laughter?
>
> The handle here is, Randy, BTW. We'll talk at ya' later. 73's, hi hi!
QSL?
>>>
>
>
>>Randy, i have to wholeheartedly agree with this one. on phone, we use it
for
>>the purpose of exchanging conversation by simple english as you would if
you
>>were speaking to someone on the street, good songs are written with this
in
>>mind.
>

>
>Exactly, Adam! It's something people can relate with and let's them
>know that you are acting as you would in public. A lot of hams
>seem to think that throwing in that "special lingo" defines them
>as being not only a ham, but a great ham.
>

No, it's not like that at all. I do agree that hams have a certain "lingo" but then so do doctors, lawyers, construction workers, computer programmers, Cajuns, Texans.... Just because you don't like the "lingo" doesn't make it lidism. What you are doing is just like walking into a room of "southerners" and saying "Gee guys, you sound stupid." You'll get a great response out of that. If you don't like the way we (hams) talk on the air then stay off the air. No one is forcing you to listen or talk the way that we do.

<snip>

>
>> i feel awkward just hearing someone else on phone respond to a funny with
>>"HIHI", i just want to jump in and say "hey, hi there, hello!!"....it may be
>>cute to end your phone contact by saying "dit dit", but thats just being cute
>>only, how long before we start hearing a phone qso go something like:

Here's the key, ** it makes him feel awkward. ** So just because he feels awkward the other guy is a lid? Now there's a revelation! You, as a newbie, measure others by the standard of YOU. Political correctness rears its ugly head again! There's a saying -- GET OVER IT or get out of it!

>
>Agreed! One thing that I've noticed: if a ham uses "hi hi" on phone, >he/she hardly ever uses the mode. They are usually 95% CW, and >they totally dominate the conversation. I have no problem with long->winded conversation on CW...it's expected, but not on phone.

Who are you to determine the ratio of cw/phone that a person uses just by their expressions? Just because he gets his extra he thinks he is the new standard of conduct on the air. NEWBIE ALERT!

>Not only that, but they expect a round-table discussion to go in a >specific order, as in you're #1, I'm #2, and they're #3, even >if it was a casual free-for-all before they broke in! OH -- and they >broke into the coversation with "Break! Break! Break!"

What's wrong with a little order? If it's the way the group has operated why does it need to change just because YOU don't like it?

>That's another one that gets my goat: using the world-over emergency
>signal to interrupt a conversation to ask if you know W5xxx or
>for a singal report.

I do agree, one "break" should be sufficient. If you are not recognized then they probably don't want you in the conversation. What's wrong with that? There is nothing in the FCC rules that says that an ongoing QSO must allow new participants. Breaking in and demanding to be recognized is LIDISM at its worst.

>What's wrong with, "AB7WY, this is AB5NI." If that
>doesn't work: "Hey, this is AB5NI, and I just thought I'd
>pop in and say hello."

What if they don't want any new participants in the group? That's THEIR option and you have no place or authority to demand that they allow you to participate. NEWBIE ALERT!

It irritates me is when I am in a conversation with a friend in a "rare" DX country and some LID/NEWBIE breaks in repeatedly. I regularly talked with TI9S (now SK), in Costa Rica. Not a "rare" country but not all that common. It never failed, someone would "break break break....". Sometimes we'd be on 1/2 hour ragchews and have twenty or thirty breaks. Usually we'd take a break every few minutes so that he could take a few stations. He's make a note of all who broke in during our conversation and make a point of NOT answering them.

<snip>

>

>Yep -- I can see it coming, Adam! "That's a BIG QSL, OM!" Here's another:
>How about saying, "Fine business" on phone....YAK!

What's wrong with "find business?" That's where "FB" came from on CW. Just because that expression isn't used much any more or in your part of the country you ridicule it. NEWBIE ALERT!

>Seriously, I was thinking about asking for W5LID when renewal time
>arrives and acting like a TOTAL LID when I got on the air. :^)

Maybe it will fit....

<snip>

>

>Almost forgot!! I'll also make sure that I "Q R Zed the frequency..is

>the frequency in use" every time I'm "QSYing" to a new freq.
>:^). I actually answered a Q R Zed the frequency... is the frequency
>in use with, "This is the frequency, and I wasn't calling you!"
>:^)

Now this one is an "IGNORANCE ALERT". The United States is one of the few English speaking countries that doesn't pronounce the letter "Z" as "zed." "ZED" is used on the air because the letter "Z" sounds like the letter "E," more so if a "foreign" accent is added. That's the only reason. It's a good habit that old timer hams have. That's the main reason that ITU phonetics were developed also. Do you know all the ITU phonetics? Have you heard of ITU phonetics? Do you know what the ITU is? NEWIE ALERT!

<snip>

>
>Randy "I think Nils is rubbing off on me" Jouett. Just pickin', Nils :^)
:^)
>AB5NI
>nop@swbell.net
>
>P.S.
>
>Some people on this list seem to think I'm sum kinda' newbie ham.
>Check out my call on one of the databases and you'll see why I
>changed my call. Damn...I hope some lucky YL got the dang
>thing!!! :^) :^)
>

With an attitude like yours you sound like a newbie. It doesn't matter what your callsign is/was, KB5YL or whatever. Besides KB5 calls haven't been around that long. You got your KB5YL after 1990 because that's when the KB5Y's were issued. So in my book you ARE a newbie if only because of your attitude. Of course you could have had a call before that but there is no way for me to easily tell. LIDS will be around as long as there are hams like you to laugh at them and ridicule them. Instead of putting so much energy into ridiculing a new ham why don't you be an Elmer? We were all newbie hams at one time. A newbie becomes a LID when there is no one around to help him. Quit perpetuating the problem and start trying to solve it, but fix your attitude first.

Kevin, WB5RUE
wb5rue@stic.net <http://www.qsl.net/wb5rue>

An Olde Farte and proud of it!

Date: Thu, 17 Sep 1998 09:29:55 -0500
From: Bob Reynolds <breynold@sigg.com>
To: lya@juno.com, qrp-1@Lehigh.EDU
Subject: [20332] Re: YL's -Reply
Message-ID: <98Sep17.092650cdt.26913@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

>>> L Y A <lya@juno.com> 09/16 7:45 pm
>>>
>I admit, there are not many of us out there
>on HF and even fewer on CW.

Most of the mobile CW I have worked were
YL's -all but W6AM. One of the most
enjoyable QSO's was with a "tree-climbing
granny" (her words) in Michigan on 80 CW.
--NO, she was not in the tree when we
QSO'ed.

73, Red K5V0L

Date: Thu, 17 Sep 1998 10:39:46 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20333] Re: Solar Powered QRP - WARNING!
Message-ID: <3.0.5.32.19980917103946.007da460@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:09 AM 09/17/1998 -0400, Scott Howell wrote:
>well then what we need to do is invent a new Sun. One that is faster,
>smarter, and better. Hmm, sounds like a Government Problem(should have
>been project)woops slip of the fingers.. Maybe we could
>have two Suns one qrp and one qro. Qro for those that want to get all burnt
>round the edges and one qrp that we could use for our hoby.hmmmm maybe onto
>something. Oh, well we all know a Ham will build the next Sun.
>Maybe it could be controled by a qrp station.
>
>At 10:13 PM 09/16/1998 GMT, N H wrote:

>
>
>>>At best, solar energy is only a
>>>temporary band-aid. Recent calculations indicate that the "Sun Will Go Out
>>>in a Billion Years As Its Fuel Runs Out" (Source: newspaper
>
>
>

Date: Thu, 17 Sep 1998 09:39:00 -0500
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@Lehigh.EDU>
Subject: [20334] FT-900 help
Message-ID: <00d201bde248\$e8cccae0\$4d0b9595@Jeffro.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

Once again hoping for help with solving problem. I just purchased a FT900 to go QRP/Mobile. I did not get the mobile mounting instructions with it. Does anyone have these that they could send me a copy of or scan?

Help would be greatly appreciated.

The rig seems really good on CW.

72
Jeff, AC4HF

Date: Thu, 17 Sep 1998 07:40:17 PDT
From: "DJ Rock" <b2bn@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [20335] List reorganization, proposal
Message-ID: <19980917144017.10241.qmail@hotmail.com>
Content-Type: text/plain

Just an Idea:

Has anyone ever thought of changing the format from a list server to

discussion board on a website. The website could have compartmentalized lists for techinfo/propagation reports/humor/general technical info, etc. That way the people who do not appreciate the humor or non QRP talk could get their info, while the rest of us try to help each other out any way they can. Ive got about 20 megs of web space to play with that I will be happy to donate...

KF4ZKN

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 17 Sep 1998 08:25:03 PDT
From: "DJ Rock" <b2bn@hotmail.com>
To: QRP-L@Lehigh.EDU
Subject: [20336] Re: List reorganization, proposal
Message-ID: <19980917152503.1680.qmail@hotmail.com>
Content-Type: text/plain

Good point,
Maybe It would be better to leave this list the way it is, and just mirror it on a website, with followups at the website going on the list and vice versa. That way I could spare a lot of people the chore of deleting messages(and overloaded accounts) while not excluding anyone. BTW Im fascinated by the packet gateway idea. What is involved in that? Id like to get my notebook hooked up while im on the road.
>F17.10241.qmail@hotmail.com>

>
>I can not access the "web".
>I get my (text only) email from AX.25 Packet JNOS Gateway.
>Even though this a limited method of communication, I can still
>list the messages (sometimes in excess of 100 each day) and delete
>the ones I do not care to read. If you change the format from a
>'listserv'
>to a Website "chat-room" you will exclude me and others like me from
>participating.
>
>de Scott / W4PJ Ft. Lauderdale,FL <EL96vd> QRP-L #1585 (Pres. SFDXA)
>----- my station is entirely Ham Radio -----
>----- 73 -----
>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 17 Sep 1998 08:25:57 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <sigcom@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20337] Re: Free Stuff: Mongo coil forms (long)
Message-ID: <040701bde24f\$7ada1bd0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

... Spooled off 100, 110 and 150 of quad-shielded
>75 Ohm coaxial cable, nice stuff...>41
> ex-WN6TNL (1967)

Put the cable back on the spool and you have a good 160 meter balun.

Mike K1MG

Date: Thu, 17 Sep 1998 11:40:48 -0400
From: "Michael St. Angelo" <mstangelo@worldnet.att.net>
To: "'breynold@sigg.com'" <breynold@sigg.com>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [20338] RE: Am audio - REALLY
Message-ID: <01BDE230.A50333C0@17.newark-06-07rs.nj.dial-access.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not true...you can generate SSB from FM.
There was an article about this method of generation
In a 1970's issue of Ham Radio Magazine..
Maybe some may remember the issue.

Mike N2MS
Email:mstangelo@worldnet.att.net

Subject: Re: Am audio - REALLY

Burns me up - have to get in

Remember SSB IS AM

What do you get when you suppress the
carrier of FM -

Date: Thu, 17 Sep 1998 10:16:33

From: Steven Weber <kd1jv@moose.ncia.net>

To: qrp-1@Lehigh.EDU

Subject: [20339] Re: lids and pet peaves!!

Message-ID: <3.0.3.16.19980917101633.30f7ca72@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I don't mind using QSL on phone to confirm reception of a report. It's quick and easy, but I refuse to say "My handle is...", but seems to be becoming very common practice, even with DX stations. Let's face it, it's lingo and lingo's change over time. Only dead languages are static and don't change.

My pet pev is slow CW ops that don't use abbreviations, but insist on spelling all the words out. I don't mind the slow CW, heck I'm no real speed demon myself, but using some abbrev's would speed up the initial exchange.

i.e.,

thank you for the call. your rst is 599 (3x) . my qth is xxxxx,xxx (3x)
my name is bubba (3x). so, how do you copy?

When,

tnks fer call, ur rst is 599 (3x) es qth is xxxxx,xx (3x) es name is bubba
(3X) es hw cpy?

gets the job done a lot quicker then we can chit chat, provided the band hasn't folded.

Then there's the five minute sign off....

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 17 Sep 1998 11:03:15
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [20340] Simple wire vertical for TTF
Message-ID: <3.0.3.16.19980917110315.39b74bf4@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've decided to operate 20M for the TTF event. Last night I built a simple three wire vertical, similar to the one diagramed in the ARRL antenna book under portable antennas. Simply a vertical wire with two radials. For insulators, I used quarter round pieces cut from 2" PVC pipe and drilled some holes. For wire, I used some of Jim's TFF teflon #22.

Thing I like about this antenna is it only needs one support and maximizes the use of the feed line, as half the coax isn't in the air. Took less than an hour to make.

I got home with just enough daylight to get it up in the tree next to the shack, sort of. I need to get the feed point up just a bit higher. Seems to hear pretty good, compared to the G5RV.

I might work more DX from on top of the hill with this vertical than state side, oh well.. Now, where's that darn Gell Cell they promised me yesterday?..

72,.

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 17 Sep 1998 10:56:28 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [20341] RE: Am audio - REALLY
Message-ID: <19980917155631144.AAA330@muenzlerk>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Michael St. Angelo
> Sent: Thursday, September 17, 1998 10:41 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: Am audio - REALLY
<snip>

> Burns me up - have to get in
> Remember SSB IS AM
> What do you get when you suppress the
> carrier of FM -
>

Dead air... The only thing in a FM signal is
carrier. Yes there are a infinite number of
"sidebands" depending on the exact frequency
of the carrier frquency at any instant but
the concept of "SSB" FM is unworkable.

Kevin, WB5RUE
wb5rue@stic.net

Date: Thu, 17 Sep 1998 11:00:10 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [20342] RE: lids and pet peaves!!
Message-ID: <19980917160013254.AAA190@muenzlerk>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Steven Weber
> Sent: Thursday, September 17, 1998 5:17 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: lids and pet peaves!!
>
>
<snip>
> My pet pev is slow CW ops that don't use abriviations, but insist on
> spelling all the words out. I don't mind the slow CW, heck I'm no real
> speed demon myself, but using some abriv's would speed up the

> intial exchange.
>
<snip>
>
> 72,
> Steve, KD1JV....In the White Mountains of New Hampshire
>
> "Melt Solder"
>

I agree Steve but this doesn't make him a LID, it makes him an inexperienced operator, AKA Newbie. That's where the Elmer comes in. Help him, don't criticize and/or ridicule him. How were you the first few QSOs you had? Probably pretty shaky, I know I was.

Kevin, WB5RUE

Date: Thu, 17 Sep 1998 12:21:58 -0400
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [20343] Deoxit D5
Message-ID: <005201bde257\$61ab72a0\$c506f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks Robert for the info on Deoxit. I need it to try on my PM2B before removing the switches as I don't want to change the appearance of the front panel.

After seeing the large amount of info you sent, I understand why you posted direct.

Thanks again---Ken/ne0c---The Buzzard Roost, Flushing, Ohio

Date: Thu, 17 Sep 1998 12:19:44 -0400 (EDT)

From: Richard Brittingham <rbritt@visi.net>
To: Jay Bromley <w5jay@alltel.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20344] My Vanity experience
Message-ID: <Pine.GS0.3.96.980917121659.23888A-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Whats even weirder is when I make a phone patch (on 2 meters) using my "new" call (my late uncles), and sign off the autopatch using WD4AEF (my old call). Especially if I am tired. Never did this sort of thing on HF though. Maybe because I did not upgrade until I received my uncles call.

73/72

Richard WD4AEF errrrr W4MCD

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Thu, 17 Sep 1998 12:49:25 -0400
From: Art Marshall <artm@t-com.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [20345] FW: lids and pet peaves!!
Message-ID: <01BDE239.9A94D3E0.artm@t-com.com>

with all due respect.....

I don't have any pet peaves. I am just so darn happy to be on CW that it doesn't matter to me if I chat with someone who doesn't go fast or slow, or chops the letters, or has a chirp, or can't spell, or doesn't use the correct Q sig, or runs QRp or whatever that other Q-sig is, or drifts, or is a lid, or when there is more than one sig onna same freq, or says hi hi on ssb, or whatever. I just love ham radio and cw, and everything else is just bunk. so there,

73 es c ya l ya-all..... de W1FJI

-----Original Message-----

From: Kevin Muenzler WB5RUE [SMTP:wb5rue@stic.net]

Sent: Thursday, September 17, 1998 12:00 PM
To: Low Power Amateur Radio Discussion
Subject: RE: lids and pet peaves!!

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Steven Weber
> Sent: Thursday, September 17, 1998 5:17 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: lids and pet peaves!!

>

>

<snip>

> My pet pev is slow CW ops that don't use abriviations, but insist on
> spelling all the words out. I don't mind the slow CW, heck I'm no real
> speed demon myself, but using some abriv's would speed up the
> intial exchange.

>

<snip>

>

> 72,
> Steve, KD1JV....In the White Mountains of New Hampshire

>

> "Melt Solder"

>

I agree Steve but this doesn't make him a LID, it makes him an inexperienced operator, AKA Newbie. That's where the Elmer comes in. Help him, don't criticize and/or ridicule him. How were you the first few QSOs you had? Probably pretty shaky, I know I was.

Kevin, WB5RUE

Date: Thu, 17 Sep 1998 12:57:35 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [20346] Re: Azden PCS 400 schematic?
Message-ID: <Pine.LNX.3.93.980917125447.956H-1000000@dns.vidtel.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First it should have read "Azden PCS 4000" but this group figured it out.
Thanks to all for the replys, prints are on the way, toys will be fixed
shortly. Guess I shoulda' posted here first, would saved time... And as
always, what a great and resourceful group. 72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 17 Sep 1998 10:05:38 -0700
From: dave_epps@juno.com
To: Qrp-l@Lehigh.EDU
Subject: [20347] Scout mod
Message-ID: <19980917.100548.3334.2.dave_epps@juno.com>

Has anyone used the mod. shown in Hints & Kinks to solve the drift
problem
on cw with the scout? This is the mod. that uses an external keyer and
by-passes the automatic freq. lock.
It is hard for me to believe that Ten Tec would let a rig out with a bug
like that.
dave ab5pc morro bay, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 17 Sep 1998 10:02:02 -0700
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [20348] Glass Caps???
Message-ID: <19980917.100548.3334.1.dave_epps@juno.com>

I got a bunch of "Glass Capacitors" in a Dan's Grab Bag. I don't see them
used

anywhere and don't see them in the catalogs.
What are they good for?
dave ab5pc morro bay, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 17 Sep 1998 13:10:25 EDT
From: DENNISMO@aol.com
To: qrp-l@Lehigh.EDU
Subject: [20349] Lids, Newbies, & Jerks, Etc..
Message-ID: <9a88a240.36014281@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

What the hell is going on here, Guys?.....or -

Isn't it great we have "handles" or labels for people that tick us off; people that we disagree with; folks that don't see things the way we do. I've read all the postings on the subject and I come away with the feeling that I must be a jerk because I'm a Newbie. I guess my only excuss for my current "label" is that I was too busy trying to raise a family and didn't have any extra funds to put into a hobby. Here I am a 55 year old Newbie,damn - why me!

Until this discussion reared it's ugly head on this list I thought that being a Newbie was a good thing. Especially when I hear so many hams lament the fact that our hobby is dying out for lack of New Blood. I thought that I was already contributing to the "Cause" just by becoming a Ham. Is the name-calling thing going on outside of QRP-L..? Wow... what kind of message has this discussion put out.

Lid - I have no idea, being a Newbie myself and probably a Lid, too, where this "handle" came from but it smacks big time of arrogance. Anytime you feel you are better than the next ham... "Arragance Alert"! So you don't think the next guy/gal is doing things the way you do - so what! Here's big news for you ... YOU DON't HAVE TO! I'm sure they can find as many faults with you - let's start with "arragance". I'm not necessassarily proud of beig a Newbie, it is just a matter of fact. I just celebrated my 1st. anniversart last month. And I'm sure the label taggers have a name for people like me that have made Extra before thier first year was up for no other reason than it is easier to pass the exams nowaday then it was 25 years ago!

Well, too bad. I had no control over that either.

Friends, is there really time enough and room enough for this garbage in our hobby, in our lives? Isn't life too short; air time too precious to waist; too many folks out there to make friends of; that we should spend so much time calling people names.

Here is a Newbie's perspective: Please don't call me names or put a "tag" or "label" on me just because I am doing something in a way that you don't like. If it is something that goes against "good and accepted" radio practices then my all means tell me. Explain it to me as if you were an Elmer. I'm not particually sensitive, but a kind word or two will go much further that calling me a Lid or a Newbie.

No, you are not going to discourage me from continuing in this hobby because I'm too old now and know better than to let you do that to me. But what about the youngsters that we are in such dire need of in our ranks? Start calling them names and the timid, the insecure, or the impressionable will leave before they get in. I don't think anyone wants that to happen. You know, my hat goes off to you that have stood the test of time. Those of you that have been around for 20, 30 , 50 years or more in this wonderful hobby. Most of you would rather help than call names... this has been my first hand experience and I'll always be grateful for that. But if the those that persist in labeling others rather than helping discourages just a few people from getting into or staying in the hobby then I say that it is a few too many.

"This editorial is only the opinion of the writer and do not necessarily reflect the opinon of the management of this station."

73 es God Bless all de Denny AD6EZ<><

Date: Thu, 17 Sep 1998 12:08:54 -0600 (MDT)
From: marion@montana.com
To: dave_epps@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [20350] Re: Scout mod
Message-ID: <199809171808.MAA04050@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:05 AM 9/17/98 -0700, you wrote:

>Has anyone used the mod. shown in Hints & Kinks to solve the drift

>problem
>on cw with the scout? This is the mod. that uses an external keyer and
>by-passes the automatic freq. lock.
>It is hard for me to believe that Ten Tec would let a rig out with a bug
>like that.
> dave ab5pc morro bay, ca.
>
I believe it. When I got my Scout back from Ten-Tec for the second time
repair I promptly sold it. Roy AB7CE

Date: Thu, 17 Sep 98 12:38:01 -0500
From: Chuck Adams <adams@ticnet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20351] QRP-L Reorganization Proposal
Message-ID: <199809171735.NAA55312@nss4.cc.Lehigh.EDU>

Gang,

There will be no reorg of this list. It is now over 5 years old and
keeps on ticking. Go back through the archives and look for
the threads previously hashed out.

But, if the group at large wants I'll start banning anyone that
keeps on and insists on quoting previous posts and continues
off topic QRP threads going and going and going....

So just a few guidelines now in effect:

1. The reorg topic is a dead one. So don't push the envelope on this one.
2. The vanity call topic is a dead one.
3. The LID issue is a dead one.
4. Long quotes from previous posts are no longer allowed. Learn to use
the mailer with your system. I just invested money in a new
Windoze 98 [sic] ;-) system and the use of same with a new ISP.
If I can do it anyone can. It's not rocket science. Just read the
manual(s) and practice offline til you get it right.

I'll start up the Elmer 200 project the first week in October to give you
something to do on cold nights while waiting for the foxhunt. So in a
separate post I'll refresh the list of reading materials needed so that you

won't be asking questions that should already be known for anyone that is a licensed radio amateur. I don't think anyone has come forward during my absence and volunteered to do it.

dit dit de QRP-L #1

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Thu, 17 Sep 1998 13:40:21 -0400
From: "James Fielden" <fielden@utkux.utcc.utk.edu>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [20352] Gel Cell
Message-ID: <01bde262\$3e386e80\$cb12a980@galaxian>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,
I just got a couple of Gel Cell Batterys, I've never used them before, was wondering if the care and feeding of them was the same as NiCad? Like I have 12v 1.2Ah, I could use 15v 100mAh charger for 15 hours on it for full charge? Do they need to be completely drained before I recharge, or just wait till the rig want transmit any more?

Thanks

72 * Jim, KU4QW - QRP-L # 1481
fielden@utkux.utcc.utk.edu - FISTS # 5380
<http://www.qsl.net/ku4qw/> - No-SSB International (tm) # 1,000,014

Date: Thu, 17 Sep 1998 14:01:26 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Cc: "Harvey Solomon (E-mail)" <Harvey_Solomon@Emory.Org>, "Jim Stafford (E-mail)"

<w4qo@amsat.org>, "Ken Evans (E-mail)" <w4du@bellsouth.net>,
"Leonard Young (E-mail)" <lcyoung@bellsouth.net>, "Mike Boatright (E-mail)"
<ko4wx@ibm.net>, "Phil Specht (E-mail)" <k4pqc@bellsouth.net>,
Subject: [20353] RE: More PIXIE MODs
Message-ID: <21E06269B00ED111BE9B00805F6D0FA33A1842@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain

I finally got the two var. caps installed. Now I can independently tune Rx or Tx by flipping a toggle switch(now about 7038-7042 range). I only had round knobs for the caps and no stops on the caps so I would lose track of where each was set(I'm changing to pointer knobs with freq. dials). I used my scope display on my Icom 756 to set the offset after tuning the Tx cap to zero beat. I finally got Bill/N5BU in Cedar Rapids, IA 7039 at 0315Z 9/17/98. I gave him 589 and I got 459. I told him I was 90 milliwatts but after the QSO I checked and found the actual power was a BIG 120 miliwatts. Thanks Bill.

So if you want to play with your PIXIE, for real, I highly recommend that you put some type of VXO functionality on it.

Next, a notch LC filter for the BIG (S9+40db) 41 mtr broadcast stations.

The \$10 fun continues.

>>>>snip>>>>

> Now for the BIG change: VXO operation. I hated the fact of the two fixed
> frequencies. I was moving the xtal frequency using the two different caps
> (switched) to ground. This originally gave me about 800Hz shift. Good for
> another PIXIE (I worked AE4NY's PIXIE at two feet. HiHi and a few other
> brave souls that had to hunt for me)

>

> So I wound a FT50-61 ferrite toroid with 31turns and put it and a 25pF
> var.

> cap in series with the Xtal. Now get 6KHz swing (7038 to 7044KHz). BETTER.
> Took the original offset switch and switched in or out a very low cap to
> provide tx/rx shift. Works great middle of the range but too much or too
> little at the ends. BTW the 0 - 50% of 25pf shift covers 2/3's of the
> range.

> So the fix offset would be different between the ends. HumPlan to
> put

> two var. caps in rig and switch them manually between rx/tx. This should
> give me flexibility between tx/rx operations over the 6 kHz range. Watch
> out

> guys her I come. VXO(6kHz), 180mw and a wire antenna. How's that for PURE
> QRPing.

>>>>snip>>>>

Sam Billingsley AE4GX e-mail: sbillingsley@usaninc.com
Atlanta, GA

Inverted L, Butternut Vert, Isoloop, Parking Lot Portable Vertical(PLPV)

40mtrRamsey QRP+ HW7 HW8 HW9 NorCal38S Pixie2

NORCAL 2210 MI-QRP 1567 QRP-L 1033 ARCI 9356 AKQRP 308
GQRP 9660 ARS 269 NOGA CQC 454 FISTS
5306
ZOMBIE 273

Date: Thu, 17 Dec 1998 11:11:48 -0800
From: "Barry L. Geipel" <bgeipel@primenet.com>
To: <fielden@utkux.utcc.utk.edu>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [20354] Re: Gel Cell
Message-ID: <199809171810.LAA17395@newspaper.cwi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would like the same info!

Barry KF6RDI

> From: James Fielden <fielden@utkux.utcc.utk.edu>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: Gel Cell
> Date: Thursday, September 17, 1998 9:40 AM
>
> Hello,
> I just got a couple of Gel Cell Batterys, I've never used them before,
was
> wondering if the care and feeding of them was the same as NiCad? Like I
> have 12v 1.2Ah, I could use 15v 100mAh charger for 15 hours on it for
full
> charge? Do they need to be completely drained before I recharge, or just
> wait till the rig want transmit any more?
>

> Thanks
>
> 72 * Jim, KU4QW - QRP-L # 1481
> fielden@utkux.utcc.utk.edu - FISTS # 5380
> <http://www.qsl.net/ku4qw/> - No-SSB International (tm) # 1,000,014
>
>
>

Date: Thu, 17 Sep 1998 13:10:37 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Steven Weber'" <kd1jv@moose.ncia.net>
Subject: [20355] RE: lids and pet peaves!!
Message-ID: <19980917181041846.AAA306@muenzlerk>

All true.

Yes there are not too many good examples of on-air practice out there. We must rely on our experience and the experience of others. The problem comes in when the new hams think that the long-time hams (olde fartz) are just that old farts and don't really understand "today's hams." They tend to dismiss the more experienced hams advice as old fashioned. Like I said in another post, it's amazing how smart your father gets when you get older.

The best real practice you can get is to listen to QSOs on the air and not on the tapes. For two reasons, one - the taped CW is usually sent perfectly, by a machine. You need to learn to "listen with an accent." Two - you won't get the jargon and abbreviations you will get off of the air.

Kevin, WB5RUE

Why is abbreviation such a long word?

> -----Original Message-----
> From: Steven Weber [mailto:kd1jv@moose.ncia.net]
> Sent: Thursday, September 17, 1998 7:54 AM
> To: wb5rue@stic.net
> Subject: RE: lids and pet peaves!!
>
>
>
> >I agree Steve but this doesn't make him a LID, it makes him an
> >inexperienced operator, AKA Newbie. That's where the Elmer

> >comes in. Help him, don't criticize and/or ridicule him. How
> >were you the first few QSOs you had? Probably pretty shaky, I
> >know I was.
>
> Hi Kevin,
>
> I agree it dosen't make him a LID, should have changed to
> subject line to
> just "pet peaves!" I don't complain on the air, I just
> return with the
> abrivated version on my replay, hoping they will pick upon
> it. Anyway, I
> was the one who answered the CQ, so can't bitch too much :-)
>
> BTW, he said he had been a ham for 5 years, but that's no
> indication of how
> much CW experiance he's had. Heck, in theory I've been a ham
> for 30 years
> and that is certainly no indication of how much CW
> experiance I've had!
>
> Actually, I guess I have to blame the CW training tapes and
> example QSO's,
> where everything is spelled out to make the copy longer. It's
> not untill
> you get on the air that you start to hear the abrivated versions...
>
> 72, Steve KD1JV
>

Date: Thu, 17 Sep 1998 14:30:53 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <dave_epps@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20356] Re: Glass Caps???
Message-ID: <199809171819.2279800@is1.tm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If these are glass piston trimmers, they're used for neutralizing those great big glass transistors they used to use back when everyone needed hundreds of watts. Must have been around the ice age, since those things

kept the shack warm too (the bit funny looking transistors, not the glass piston trimmers).

72/73 de WB8RCR
didileydadidah

Date: Thu, 17 Sep 1998 11:28:16 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [20357] Re: Lids, Newbies, & Jerks, Etc..
Message-ID: <19980917.112817.12526.2.gsurrency@juno.com>

Gang,

Please think before you post. Let's not allow this list to become another flame battle with a very poor S/N ratio. Many times I have wanted to respond to a post that I disagreed with. But I let it "age" in the outbox for a while, and almost always decide not to send it.

Everybody should do this, and chill out before posting defamatory material.

Operate the radio. Write an article for QQ or QRPp. Work on building a kit. Fix up your antenna. Learn PSPICE. Adjust your rigs' T/R offset. Put a RIT mod in the SW40+. Replace that bad connector you've been putting off repairing. Study for an upgrade. Paint the case of your last project(s). Learn to read QRP-L faster. Use the <delete> key. Take a walk! ;-)

i.e., put your energy into something constructive.

And.....please stop quoting all the messages.

Good grief, I can't wait for the Fox season to start, or maybe a new Norcal Zombie project will get us back on topic.

P.S. Read the QRP-L FAQ file, and the Radio Amateur's Code in the front of the Handbook.

Thank you, & 72.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 17 Sep 1998 13:35:45 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [20358] RE: Lids, Newbies, & Jerks, Etc..
Message-ID: <19980917183548393.AAA229@muenzlerk>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> DENNISMO@aol.com
> Sent: Thursday, September 17, 1998 12:10 PM
> To: Low Power Amateur Radio Discussion
> Subject: Lids, Newbies, & Jerks, Etc..
>
>
> What the hell is going on here, Guys?.....or -
>
> Isn't it great we have "handles" or labels for people that
> tick us off; people
> that we disagree with; folks that don't see things the way we
> do. I've read
> all the postings on the subject and I come away with the
> feeling that I must
> be a jerk because I'm a Newbie. I guess my only excuss for
> my current "label"
> is that I was too busy trying to raise a family and didn't
> have any extra
> funds to put into a hobby. Here I am a 55 year old Newbie,
>damn - why me!

> Until this discussion reared it's ugly head on this list I
> thought that
> being a Newbie was a good thing. Especially when I hear so
> many hams lament
> the fact that our hobby is dying out for lack of New Blood.
> I thought that I
> was already contributing to the "Cause" just by becoming a
> Ham. Is the name-
> calling thing going on outside of QRP-L..? Wow... what kind

> of message has
> this discussion put out.

Nothing wrong with being a newbie, we were all newbies at one time. What is wrong is being a newbie who thinks he knows what is "wrong" with the hobby and wants to change it to suit him.

ie. "I don't like CW but I want HF access so let's eliminate CW for HF access and those who disagree are 'olde fartz'."
"I think that 'handle,' 'hi hi,' and the use of Q signals on phone is stupid so those who use those terms are stupid."

If you don't like a particular aspect of the hobby then stay away from it. I've never had much use for PACKET so I don't use it but I also don't criticize those hams who do use it. Until a couple of years ago I had no use for satellites either. They're just repeaters in the sky. Once I started playing around with them I got hooked, they're great fun.

> Lid - I have no idea, being a Newbie myself and probably a
> Lid, too, where
> this "handle" came from but it smacks big time of arrogance.

A LID is a "poor operator" and not an inexperience operator. This is from a time when we had Elmers who personally taught you the code and theory and made sure you knew what you were doing before you went on the air. Many of today's hams learn CW from a computer generated tape, memorize the theory test questions and think they hot stuff on the air because they have that new dual-band, voice activated handy-talkie that has an alarm clock on it that you can plug into your coffee maker. Now that's arrogance.

> Anytime you feel
> you are better than the next ham... "Arragance Alert"! So
> you don't think the
> next guy/gal is doing things the way you do - so what!
> Here's big news for
> you ... YOU DON'T HAVE TO! I'm sure they can find as many
> faults with you -
> let's start with "arragance". I'm not necessassarily proud
> of beig a Newbie,
> it is just a matter of fact. I just celebrated my 1st.
> anniversart last
> month.

So you're not proud of being a newbie, don't be ashamed of it either. Yes, not all hams are going to be the same and

they don't have to be.

<snip>

> Friends, is there really time enough and room enough for this
> garbage in our
> hobby, in our lives? Isn't life too short; air time too
> precious to waist; too
> many folks out there to make friends of; that we should spend
> so much time
> calling people names.
>
> Here is a Newbie's perspective: Please don't call me names
> or put a "tag" or
> "label" on me just because I am doing something in a way that
> you don't like.

Here's a label, wise newbie. (no not wise-a** newbie)

> If it is something that goes against "good and accepted"
> radio practices then
> my all means tell me. Explain it to me as if you were an
> Elmer. I'm not
> particuallly sensitive, but a kind word or two will go much
> further that
> calling me a Lid or a Newbie.

Again, wise newbie.

> No, you are not going to discourage me from continuing in
> this hobby because
> I'm too old now and know better than to let you do that to
> me. But what about
> the youngsters that we are in such dire need of in our ranks?
> Start calling
> them names and the timid, the insecure, or the impressionable
> will leave
> before they get in. I don't think anyone wants that to
> happen. You know, my
> hat goes off to you that have stood the test of time. Those
> of you that have
> been around for 20, 30 , 50 years or more in this wonderful
> hobby. Most of
> you would rather help than call names... this has been my first hand
> experience and I'll always be grateful for that. But if the
> those that
> persist in labeling others rather than helping discourages
> just a few people

> from getting into or staying in the hobby then I say that it
> is a few too
> many.
>
>
> -----
>
> "This editorial is only the opinion of the writer and do not
> necessarily
> reflect the opinion of the management of this station."
>
> 73 es God Bless all de Denny AD6EZ<><

Wise Newbie!

Kevin, WB5RUE <><
wb5rue@stic.net

Date: Thu, 17 Sep 1998 12:35:21 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>
Subject: [20359] Am I lost
Message-ID: <01BDE237.A532F220.bmug@gwl.com>

I'm a little behind in my Digest reading but I haven't seen anything about the Elmer 200 or 300 classes. Have they started yet?

Is there going to be a group purchase for the dead bug build?

Thanks,

de KB0ROL, Brad

Date: Thu, 17 Sep 1998 13:37:09 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <gsurrency@juno.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [20360] RE: Fox season -- was:Lids, Newbies, & Jerks, Etc..
Message-ID: <19980917183722893.AAA304@muenzlerk>

When does fox season start this year?

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU

> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Gary L Surrency

> Sent: Thursday, September 17, 1998 1:28 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Lids, Newbies, & Jerks, Etc..

>

>

> Gang,

<snip>

> Good grief, I can't wait for the Fox season to start, or maybe a new

> Norcal Zombie project will get us back on topic.

...

> Thank you, & 72.

>

> Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

>

Date: Thu, 17 Sep 1998 14:37:20 -0400

From: "Don McKechnie, W8IZZ" <donmck@erinet.com>

To: qrp-l@Lehigh.EDU

Subject: [20361] Re: Lids, Newbies, & Jerks, Etc..

Message-ID: <199809171834.0AA12660@eri.erinet.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Apparently the Grim Grippers have taken over this List.

I shall postpone my mail delivery for some unknown time and use the time gained for getting on the air more often, QRP, QRO or whatever.

72 de w8izz, Don

Date: Thu, 17 Sep 1998 11:39:26 -0700
From: Norm Melick <henmel@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20362] Re: FW: lids and pet peaves!!
Message-ID: <3601575E.3F8E3A22@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Art Marshall wrote:

>
> with all due respect.....
> I don't have any pet peaves. I am just so darn happy to be on CW that it
> doesn't matter to me if I chat with someone who doesn't go fast or slow, or
> chops the letters, or has a chirp, or can't spell, or doesn't use the
> correct Q sig, or runs QRp or whatever that other Q-sig is, or drifts, or
> is a lid, or when there is more than one sig onna same freq, or says hi hi
> on ssb, or whatever. I just love ham radio and cw, and everything else is
> just bunk. so there,
> 73 es c ya l ya-all..... de W1FJI

Gotta go with Art on this one.

Norm

Date: Thu, 17 Sep 1998 14:40:21 -0400
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-1@Lehigh.EDU
Subject: [20363] Catch 22 ??
Message-ID: <85256682.00662BCB.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Well I'm no CW expert but what I've gathered from this list:
The "people" that go FAST say abbreviations disrupt copy .
The "people" that are average speed need abbreviations...

Ron - N1ZSW

Date: Thu, 17 Sep 1998 14:42:39 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: bgeipel@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20364] Re: Gel Cell
Message-ID: <3601581F.35A18B30@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A gel cell battery is the same as a lead acid (car) battery. It just has a gelled electrolyte. Unlike NiCads, they very much dislike full discharge. Keep them topped off and try not to over charge them. This should make them happy. Consult the battery manufacturer for more specific info on your particular type of battery.

--

72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Thu, 17 Sep 1998 14:44:13 -0400
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-1 mailing list <qrp-1@Lehigh.EDU>
Subject: [20365] Re: lids and pet peaves!!
Message-ID: <3601587D.F0E78E04@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The paradox here is that the slow CW op is the guy who also does not yet know the usual shorthand.

Please remember when you send to him (me) using the short form to allow a little time for me (him or her) to figure out what you mean.

Somewhere around here I have a list of prosigns and Q signals, etc., that I used a lot. I wonder where that went to. :-)

thanks

michael N6CHV

kd1jv@moose.ncia.net wrote:

> My pet pev is slow CW ops that don't use abriviations, but insist on
> spelling all the words out. I don't mind the slow CW, heck I'm no real
> speed demon myself, but using some abriv's would speed up the intial exchange.

Date: Thu, 17 Sep 1998 11:52:59 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <wb5rue@stic.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [20366] Re: Fox season
Message-ID: <050701bde26c\$66a49790\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>When does fox season start this year?

First fox is Oct 7 UTC

Date: Thu, 17 Sep 1998 11:57:27 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <Ronald_A_Pfeiffer@res.raytheon.com>, "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Subject: [20367] Re: Catch 22 ??
Message-ID: <051201bde26d\$0658afb0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>The "people" that go FAST say abbreviations disrupt copy .
>The "people" that are average speed need abbreviations...
>
>Ron - N1ZSW

Ron, you have it exactly right. At average speeds, people copy the letters, and can easily make sense of abbreviations. At high speeds, you never distinguish the letters, but copy the each word or phrase as a unit. If that word is misspelled or abbreviated, it doesn't match any entry in the brain's lookup table, and it is missed. The only exception is very widely used abbreviations which merit their own entry into the table, like 'es', 'tu' 'gl', etc.

Mike K1MG

Date: Thu, 17 Sep 1998 14:04:16 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [20368] RE: Gel Cell
Message-ID: <19980917190417690.AAA226@muenzlerk>

They also don't like very high discharge rates. It tends to overheat the plates and causes them to warp and short out. This is because, unlike regular liquid electrolyte batteries, the heat isn't dissipated by the gel as quickly as it would be by a liquid. A good rule of thumb is not to discharge faster than about the amp-hour rating.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Michael Maiorana
> Sent: Thursday, September 17, 1998 1:43 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Gel Cell
>
>
> A gel cell battery is the same as a lead acid (car) battery.
> It just has
> a gelled electrolyte. Unlike NiCads, they very much dislike full
> discharge. Keep them topped off and try not to over charge them. This
> should make them happy. Consult the battery manufacturer for more
> specific info on your particular type of battery.
> --
> 72 de ku4qo, Mike Maiorana, Palm Harbor, FL

>
>

Date: Thu, 17 Sep 1998 15:23:51 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>, <whowell@hq.nasa.gov>
Subject: [20369] RE: Solar Powered QRP - WARNING!
Message-ID: <000501bde270\$b37efb60\$21771ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Certainly this was a joke, But then, I thought it was a joke that the Illinois legal body was passing regulation to change the value of pi.

What this person fears is ludicrous, IMHO. I don't like to be negative, but this one is nuts.

There have been quite a few studies about how electricity is created (converted) in solar panels. They had to do this to invent the stuff, wouldn't you think?

The only real concern I can see here is the use of solar concentrators (magnifying glasses) as a fire hazard. This is easily designed for, and REALLY shouldn't pose any problem.

The other concern might be the long-term leakage of materials from the solar panels. Some of the materials used to make them can be hazardous under the right situations, but still (IMHO) of very little consequence.

UH, radiation passed through the electricity / wires to be re-radiated by light bulbs??? I think we have more problems with RF imposed on the lines and re-radiation by lightbulbs than any solar radiation. He did say no study was being done on this and none are planned. I can certainly believe this, as it would seem not necessary to me. But let's take it seriously.

If solar radiation could be carried over wires, would not the thousands of miles of high-tension wires collect and distribute at lease some solar radiation? This certainly has been around a long time. If such radiation were present, would we have possibly detected it before now??

How would one do any measurements to see if the wires were radiating solar radiation? I take solar radiation seriously because of ENSR and other problems that have been determined to be caused by solar radiation. I just don't think the redistribution of that radiation after being converted to DC power by a solar cell will be significant.

It would be interesting to at least know HOW to measure such a thing.

It sounds humorous, but maybe to be explored anyway.

Tracy N4LGH

QRP-L #1453

Date: Thu, 17 Sep 1998 15:23:47 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>, <turnkey@exo.com>
Subject: [20370] RE: Need Source for magnet wire
Message-ID: <000301bde270\$b15e3e40\$21771ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guess I'm running a bit behind this week :)

You can also get magnet wire and Thermaleze wire from ByteMark in quarter pound spools and by the foot. Don't forget the toroids to wind it on, Grin.

Info at
<http://www.bytemark.com/amidon/prwire.html>

We also now carry enameled Litz wire in 8/42, 8/44 and 10/44.

Have fun
Tracy, N4LGH
Tracy Markham
ByteMark / Amidon
tracy@bytemark.com
www.bytemark.com
800 679-3184

> Hi Gang,
> Need magnet wire for winding toroids.

Date: Thu, 17 Sep 1998 15:03:47 -0700
From: kaliic <kaliic@ime.net>
To: breynold@sigg.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20371] Re: Am audio - REALLY
Message-ID: <36018743.34FC@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Red,

I don't know about pointing the beam with the wind but I've seen more
that one 5/8 ground plane with rotors on them... figure that one out...

Vince
kaliic
-.-.-

Bob Reynolds wrote:
>
> Burns me up - have to get in
> Remember SSB IS AM
> What do you get when you suppress the
> carrier of FM - guess I'll have to ask the
> CB'er who told me to point the yagi into the
> wind because it catches signals better.
>
> 73. Red K5VOL
>
> fyi

Date: Thu, 17 Sep 1998 14:29:06
From: Steven Weber <kd1jv@moose.ncia.net>
To: dave_epps@JUNO.COM
Cc: qrp-1@Lehigh.EDU
Subject: [20372] Re: Scout mod

Message-ID: <3.0.3.16.19980917142906.396fa34c@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

> This is the mod. that uses an external keyer and by-passes the automatic
freq. >lock.

Hi Dave,

Ahhh, the wonderfull drift problem :-)

I've never used the internal keyer and still get the annoying freq jump.
But from previous conversations about this, I gather mine is a little worse
than "normal" I have an early production model with the +/- 600 Hz of lock
range. Maybe they made this window larger in later versions?

Disconnecting the freq lock will solve the jump problem, but you may
instead end up with a steady drift. Don't know which is worse. Letting the
rig warm up for an hour or so before using seems to help.

Unless someone wants to buy my Scout, someday I'll go in there and replace
the PTO with a DDS chip. I tried it a while back with a AD7008 and it was a
big improvment. (Got rid of some "birdies" too) It's now back to the
original PTO. Now that we can get tiny SMT DDS chips, I'll be able to make
one that fits in the VFO box, instead of mounted where the noise blanker
goes. For now, I've solved the problem by never using the Scout, though it
is a good SSB rig, which is mainly why I bought it in the first place.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 17 Sep 1998 15:11:29 -0700

From: ka1iic <ka1iic@ime.net>

To: wb5rue@stic.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [20373] Re: Am audio - REALLY

Message-ID: <36018911.4CE@ime.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi guys,

If it's fm as in 2 meter repeaters.... well it takes more bandwidth than a properly adjusted AM rig... Sorry, I'm not trying to start something.

Vince
kaliic
-.-.-.

Kevin Muenzler WB5RUE wrote:

>
> > -----Original Message-----
> > From: owner-qrp-1@Lehigh.EDU
> > [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > Michael St. Angelo
> > Sent: Thursday, September 17, 1998 10:41 AM
> > To: Low Power Amateur Radio Discussion
> > Subject: RE: Am audio - REALLY
> <snip>
>
> > Burns me up - have to get in
> > Remember SSB IS AM
> > What do you get when you suppress the
> > carrier of FM -
> >
>
> Dead air... The only thing in a FM signal is
> carrier. Yes there are a infinite number of
> "sidebands" depending on the exact frequency
> of the carrier frquency at any instant but
> the concept of "SSB" FM is unworkable.
>
> Kevin, WB5RUE
> wb5rue@stic.net

Date: Thu, 17 Sep 1998 15:17:28 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [20374] 88 and all that!
Message-ID: <199809171517_MC2-59D0-3510@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1

Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Hi Gang,

Why is it that I always feel I'm being got at a bit?

All I can say is that my number in the EA-QRP club is ----- yeah, "88"=
=2E

Must be the kilt! When Vicenc came to visit in Edinburgh on vacation, I
wore it to meet
him for a drink at the pub.

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Alternate e-mail address: <melgm6jag@aol.com>

Authorised at 11kv, 33kv, and up to 275kv

Check out < <http://users.aol.com/euramcom/welcome.html> >
for details of euro-american components equivalents!

Area Chairman, British Caravanner's Club
Web Pages <<http://users.aol.com/bccscot/page1.html>>

Date: Thu, 17 Sep 1998 15:28:45 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "'breynold@sigg.com'"
<breynold@sigg.com>
Subject: [20375] RE: Am audio - REALLY
Message-ID: <01BDE252.466D3640@bgr82.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

a.m. technically has a carrier and two sidebands. some sideband gear =
(invader) had a carrier and one sideband. if u take out the carrier and =
unwanted sideband it is difficult to think of it as amplitude =
modulation, but then ur not modulating the frequency. cy - k1tes

From: Bob Reynolds
Sent: Thursday, September 17, 1998 9:48 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Am audio - REALLY

Burns me up - have to get in
Remember SSB IS AM

What do you get when you suppress the
carrier of FM - guess I'll have to ask the
CB'er who told me to point the yagi into the
wind because it catches signals better.

73. Red K5VOL

fyi

Date: Thu, 17 Sep 1998 15:04 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "Art Marshall" <artm@t-com.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [20376] pet peaves!!
Message-ID: <76E0E949@optelinc.com>

My pet peeve is people who don't know how
to spell the word correctly!

Karl K. - W8TIF

Reference:
<snip>
From: Art Marshall
To: Low Power Amateur Radio Discussion
Subject: FW: lids and pet peaves!!
Date: Thursday, September 17, 1998 10:49AM

with all due respect.....
I don't have any pet peaves. I am just so darn happy to
<end snip>

Date: Thu, 17 Sep 1998 15:08:31 -0500
From: Ed Manuel <n5em@flash.net>
To: h-qrp@stevens.com
Cc: qrp-1@Lehigh.EDU, carmodyjim@yahoo.com, hats@stevens.com, AQR@onelist.com
Subject: [20377] September Houston QRP Club Meeting
Message-ID: <3.0.5.32.19980917150831.00955940@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers of the World . . . Unite!

Join us on September 19, 1998 from 9am until 11am for the regular monthly meeting of the Houston QRP Club.

Our meeting is held in the Community Room of Merchant's Bank, 5005 Woodway, just west of the 610 loop, north of the Galleria.

Bring your show and tell goodies and anything you might want to vend or barter. Bring your latest project. Bring your checkbook :-)

Talk-in will be on the 146.70 (-) repeater if you need directions or are just looking for someone to talk to.

Those who can stay are invited to join us after the meeting for lunch at the nearby Fuddruckers (hamburgers and other stuff).

See you there.

Ed, N5EM

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Thu, 17 Sep 1998 15:48:12
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [20378] Code short hand
Message-ID: <3.0.3.16.19980917154812.30f793b8@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Okay, from what I'm hearing here, most people that learn the code these days do it with tapes or computer programs that don't teach short hand. In fact, I don't know if I've ever seen a published list of common abbreviations. So, the first time a new op encounters it is on the air, and go "say what?"

So, if one answers a CQ and the operator (op) doesn't use short hand, should one reply in kind, or use short hand and hope they catch on?

Catch 22: if you reply in kind, they never learn the short hand. If you use short hand, they may not understand. Or, does it just mean thier using a keyboard, where it's easy to spell it all out and use periods.

72, Steve KD1JV

Date: Thu, 17 Sep 1998 16:42:29 -0500
From: "Cieslak, Chris" <ccieslak@LAW.UIUC.EDU>
To: "'Tracy@bytemark.com'" <Tracy@bytemark.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20379] RE: Solar Powered QRP - WARNING!
Message-ID: <9171552F3022D1118B9F00805FFEB54601485F89@law-mail.law.uiuc.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

i think that was indiana, not illinois... at least i *hope* so...

72/3,
chris, aa9hd,
at the university of illinois

-----Original Message-----
From: Tracy@bytemark.com [mailto:Tracy@bytemark.com]
Sent: Thursday, September 17, 1998 2:24 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Solar Powered QRP - WARNING!

Certainly this was a joke, But then, I thought it was a joke that the Illinois legal body was passing regulation to change the value of pi.

Date: Thu, 17 Sep 1998 21:51:49 GMT
From: nhoop@centuryinter.net (N H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20380] Re: Solar Powered QRP - WARNING!
Message-ID: <361683e2.20772879@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>What this person fears is ludicrous, IMHO. I don't like to be negative, but
>this one is nuts.

Naw....just has a sense of humor(G).

Nat KM5QU

Date: Thu, 17 Sep 1998 14:57:12 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [20381] QRP-L Fox Hunt Tales, Anyone?
Message-ID: <199809172157.0AA09141@usr09.primenet.com>

Howdy Folks,

With the QRP-L Fox Hunt just a few weeks away, I was wondering if some of you would be interested in sharing your "Great Moments In Fox Hunting" with the List. Maybe whet the appetites of fellow Hounds, and show the Fox Newbies what it can be like. Heck, I'll start with one of mine.

The family and I were set up at Pinetop, AZ for the Great AZ/NM FYBO '98 Adventure. The Fox that night was good ol' Duffey KK6MC/5 down in NM. I was chasing Foxes with a rabid passion, desperately trying to keep up with the Pelt Totals of KU7Y and AB5UA, and there were only a dozen or so Foxii left in the season. No room to let one scoot outta yer sites!

But this was also a family trip. Work had been rough, and I'd promised the kids *lots* of snow playing. So I compromised. My wife and I figured I could set up my wire antenna outside the motel for the final 30 minutes of the Hunt. Tight hunting

for sure, but what the heck. We had some pizza, brought home Ben & Jerry's ice cream for dessert. Time to get on the air!

My 120' longwire seemed like a great idea for FYBO in the forest, but for outside a motel it was a nightmare! Spent 15 of my precious 30 minutes just getting the thing up into the trees! Finally finished, hooked up the QRP+, turned to 7.040 +/- . Tuned around. Kept tuning. A few sigs, but no Fox, no Hounds. AAAARGH! My watch slowly, painfully ticked down the final 15 minutes.

I was actually a bit dejected when I walked back into the motel room. My wife immediately knew what was up, reminded me there'd be plenty of QSOs during FYBO. "Yeah, but not a Fox," I muttered. Kids gave me a bit of ice cream and I brightened up a bit. Noticed that my watch was a few minutes fast. Oh well. Went outside to break down the station.

As I crossed the parking lot to my expedient station, I heard a *loud* signal coming over the QRP+'s speaker, right on the freq where I'd left it tuned. Hmmm. Well at least the band wasn't dead. Maybe a local. Then it hit me. "...CQ FOX CQ FOX..." GREAT JUMPIN' HORNYTOADS! The Fox had just jumped into my lap! I nearly brained myself as I scrambled over rock and snow to get to the rig.

Nobody was answering Duffey's call! I breathlessly fired off a quick "AB7TT" and held my breath. Time was short, and that may have been his last call of the night. "AB7TT GE JOE..." W-A-H-O-O!!! Made the quick exchange, hand actually trembling a bit. Ran back to the room, again my wife immediately knew what was up. Spent the next 10 minutes doing the Happy Dance with the kids. A Fox Tale (Tail?) come true.

So what's the big deal? Hard to say. It's just plain fun. Settin' goals for yourself, honing your listening skills, reworking your antenna(s) to get every last ounce of efficiency out of 'em, hearing your friends bag the Fox, hearing a skilled Fox working a QRP pileup that could rival Heard Island....

That's another thing, folks who claim QRP sigs aren't loud have *never* been on for a Fox Hunt when 40m is good. Man, it's like putting your head in a bucket, adding six dozen CodeTutors, cranking the volume up to 11 ;-) and letting 'em rip! Other nights, the Fox may be buried in the mud, peaking all the

way up to a solid 229 before sliding into oblivion.

If you've never tried it, give it a shot! Your operating skills will be so sharp by the end of the season, you'll find yourself working some pretty neat DX without even trying, sunspots or not! Thanks to several seasons of Fox Hunting, I can now hear DX stations before many other ops even know they're on the air. More than once I've worked a weak DX op who'd been calling CQ with no takers, only to have a pileup start right after we finish chatting.

But enough of my blabbing. Anyone else have some neat Tales O' The Hunt to share? (Please please PLEASE don't copy this whole post in your replies, or Chuck'll drive down from Prescott and smack me with a Schurr. :-))

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -- The AZ ScQRPions

Date: Thu, 17 Sep 1998 17:03:59 -0500
From: Tim Billingsley <kd5ckp@bellsouth.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20382] Re: Code short hand
Message-ID: <3601874F.6BA5@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>
> Okay, from what I'm hearing here, most people that learn the code these
> days do it with tapes or computer programs that don't teach short hand. In
> fact, I don't know if I've ever seen a published list of common
> abbreviations.

I have a rather an "experienced" copy of Ham Horizon's magazine that has a, what I consider, rather lengthy list of CW shorthand. I would say I would copy it and send it out but you guys may be waiting a while, but I'll see if I can get my YL to read it off to me as I key it.

If anyone is interested.

73

Tim

--

```
*****
* Tim Billingsley KD5CKP      FISTS #5201    Tech+ es hooked on CW
* 15 Meter Slo-Chat >>>->  http://www.qsl.net/kd5ckp/slo-chat.htm
*****
```

Date: Thu, 17 Sep 1998 18:16:41 -0400
From: Robert Gutknecht <bobg@cecomet.net>
To: DENNISMO@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20383] Re: Lids, Newbies, & Jerks, Etc..
Message-ID: <36018A49.B595307@cecomet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Denny I have been a ham for over 36 years now. I was going to post on this subject but now I don't have to, you said it all much better than I could . Welcome to Ham Radio . 73 Bob KC2JZ

Date: Thu, 17 Sep 1998 18:31:22 EDT
From: BADDBadger@aol.com
To: qrp-1@Lehigh.EDU
Subject: [20384] Re: Am audio (non QRP-related)qrp-1@Lehigh.EDUqrp-1@Lehigh.EDUqrp-1@Lehigh.EDU
Message-ID: <bc7c6e83.36018dba@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

<<1510? hmmm ... would that have been KGA in Spokane?=09

Alan Kaul, W6RCL, LaCanada-Flintridge, CA

<http://home.att.net/~alan.kaul/qrp.html>

alan.kaul@worldnet.att.net>>

I was the chief engineer at WAUK in Waukesha, WI during the 1960's. I was going to UW-Milwaukee at the time and would work at other stations also in various capacities. Wisconsin had only 3 AM stations at 10 KW and one 50 KW at that time. I worked at 2 of the 10 KW and at the 50 KW stations. Fortunately, WAUK was a 10 KW Class II-D clear which meant that it was only allowed to operate during daylight hours. Actually, it was allowed an additional time just before dawn and after sunset to operate. I believe that WLAC, in Nashville was the dominant station to operate on that frequency. I built a couple ham transmitters so that I could operate at night. A high power AM rig and a linear that used a 4CX1000A which ran with 4000+ V plate voltage and was operated by an unused remote control I had available from WAUK. I had a 5200 V 5 KVA "power pig" transformer I purchased for \$9.65 from the Wisconsin Electric Power facility in Milwaukee. WAUK had a 2-tower directional array lined up 30° east of north. There used to be 3 towers but the FCC allowed us to operate with two. So we just disconnected the guy wires and allowed the third tower to demonstrate the effects of gravity. Each tower had 120 radials; so there were 360 copper ground radials buried in a peat bog. I built my own power dividers and phase shifters out in each doghouse. The connecting wires were huge copper braids. Each tower was 5/8 wavelength on 75 meters. Two towers can give a gain of 3 db in various directions and nulls in others. The main beauty of that setup was the 5/8 wavelength feature, which alone provides some additional gain over a 1/4 wavelength vertical, and the 360 radials in a good conducting ground. I had occasionally operated with a QRP driver, but usually after I maintained a QSO. At DX ranges, the antenna array really screamed! I almost always ran at the legal limit. The 4CX1000A linear could operate at multiples of the "legal limit."

Date: Thu, 17 Sep 1998 22:33:48 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [20385] Re: QRP, KITES, SAFETY...
Message-ID: <19980917223348.CGJK24868@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>To: jakecart@ix.netcom.com,qrp-chat
>From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
>Subject: Re: HELP!! Questions re kite supported long wire antenna for
> 20m
>Message-Id: <19980917003128.TEBZ13283@LOCALNAME>
>Date: Thu, 17 Sep 1998 00:31:28 +0000
>
>Your Parafoil will do a GREAT job for you Jake. I use 10' Scott Sleds as
>they are CHEAP. Yours will beat them for lift if big enough.
>Here are some guidelines I've derived:
>
>* NEVER attach a wire to a kite. Use a tie-point at the altitude of
>interest. Use a lower breaking-point line from there up to the kite,
>thus avoiding a potential catastrophe of national significance.
>
>* Fly at least 500' high. Stability is much greater, and need for
>adjustments will be minimized. Leave at least 200' above tie point.
>
>* By adjusting the anchor point, you locate the feedline/station
>point -which means choose your flying location carefully.
>
>* Use sloper or horiz. arrays rather than a true long wires.
>With TWO kites at 500' you'll have at least 250' of altitude to
>play with.. enough even for 160 meters! (my next project)
>
>* If you're on salt water, your ground/counterpoise problem is trivial.
>In any case, you'd be well advised to take along a wide-range
>antenna tuner and be prepared to make frequent adjustments due to wind.
>
>You won't be sorry you tried kites... let us know how you do!
>73
>-s-
>"Seab" Lyon AA1MY Beacon, NY, USA (FN-31)
>ARRL; QRP ACRI#9253; QRP-L#574; NORCAL; NEQRP;

>Candlewood A.R.A. <http://www.danbury.org/cara/>
>
"Seab" Lyon AA1MY Beacon, NY, USA (FN-31)
ARRL; QRP ACRI#9253; QRP-L#574; NORCAL; NEQRP;
Candlewood A.R.A. <http://www.danbury.org/cara/>

Date: Thu, 17 Sep 1998 18:42:19 EDT
From: ka7you@juno.com
To: QRP-L@Lehigh.EDU
Subject: [20386] Oh NO! Juno bites me-I think!??
Message-ID: <19980917.145537.8175.2.KA7YOU@juno.com>

I,d ammassed over three thousand messages in my Juno download inbox, and it was getting slow to load so I deecided it was time to do some sorting to my various subject files.

The first job was to collect all the Elmer 101 files together. I did a subject line sort, and a LOT of Elmer 101 files appeared in chronological order. So far so good.

I started to move the individual pieces of correspondence to the Elmer 101 file, and part way through, I had to leave the computer, so I attempted to send some messages in my outbox, and all Hell broke loose.

The hard drive started clicking away, and I though it was just re-organizing like it usually does after some significant file transfers.

Thirty minutes later it was still going at it. I went to bed.

This morning, somehow there were new messages that had been downloaded, but the computer was locked up. I finally had to use <Ctrl><Alt>. That got me out of Juno, and Windows.

I shut down the computer, and when restarted, I got everything normal until I brought up Juno again. Several nasty error messages, and warnings that I might loose any unsaved data, and I finally went to File manager to see if the files still existed. They seem to be there, but I have not checked them all.

I ran some errands, and then restarted Juno, and it works, but I've lost access to all my previously saved files.

It sure is nice to have just a few messages though. I'd forgotten how quickly is used to load!

I guess sorting over three thousand messages was too much for the system.

Isn't life great? You can learn something from the strangest of daily routines.

Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 17 Sep 1998 18:47:03 EDT
From: BADDBadger@aol.com
To: qrp-1@Lehigh.EDU
Subject: [20387] Re: Am audio (overmod)
Message-ID: <78793ebb.36019167@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 9/17/98 12:39:29 PM, jwodell@ameritech.net writes:

>How the devil did you get greater than 100% modulation without
>clipping diodes or something?
>
>Funny story from my broadcast days. Our chief engineeer was
>really pleased that our frequency meter always read "0". Years and
>years. One day I checked the tubes, and the 5U4 was burned out.
>From then on we were 5 hz off. He got mad a me for checking the
>tubes. You figure!
>
>73 jerry w8gnd

The object is to never allow the negative swing of the modulation to cause the instantaneous voltage of the final to get below the voltage "knee" of the characteristic curve (usually about 100 volts or so). In effect the negative peaks were clipped or amplified at an unsymmetrical rate in relation to the positive peaks. If the instantaneous voltage of the final stage is allowed to get too low, splatter occurs.

Date: Thu, 17 Sep 1998 15:50:58 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20388] OHR's secret magnet wire...
Message-ID: <199809172248.PAA25773@proxy4.ba.best.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I've been searching for the best deal on magnet wire that can be "solder tinned." I talked with Dick at OHR and he was happy to share his various "secret sources" for magnet wire. He also covered a few basics that he felt were of importance to folks new to toroid winding and lead preparation of magnet wire. First, you can certainly prep the leads with either his method using a soldering iron and solder tinning OR you can use the "other guys" technique involving the Bic (brand) cigarette lighter and a bit of emory paper for clean-up. He stresses that the important thing is to make sure you adequately prep your toroid leads prior to stuffing your PCB and final soldering. (Dick says we'd be surprised to know the number of guys who don't feel they have to prep the leads at all ! --gasp!) The other comment he offered is that he feels most QRP toroid winding can be done with #26 magnet wire, with the possible need for #22 in the PA section (to handle higher current). He notes the new OHR-500 uses *exclusively* #26 magnet wire for all toroids. (interesting!) This will probably stimulate some debate amongst the serious toroid winders on this list -- and that's always good for all of us :-) !

Thanks to Dick at OHR you can order high-quality magnet wire for about 75% OFF the going rate at all the other wire houses I shopped! Here's your contact and ordering info:

Team Sales
12502 Palos Tierra Rd,
Valley Center, CA 92082-5741

Tel: 760-749-2033
FAX: 760-749-6062

They don't use email, web pages, 800 numbers, the Internet, etc. Just phone, FAX and US mail. They don't accept plastic charge cards, but will accept PO money orders. Ask for Mike Kapp or Val... they're very nice people to work with and they'll ship Priority Mail or UPS. Priority Mail probably being your best bet on smaller

orders of a couple of spools in the US. They will also ship to Canada, UK, etc, etc. -- call, write or FAX them for terms.

Here's the prices/specs for quarter-pound rolls of 155 degree C Polyurethane Nylon coated magnet wire in both red and green. The 155C is the lowest common melting point of the Poly-coated magnet wires and is suitable for dipping in a solder pot or tinning with your soldering iron and standard 60/40 solder -- or, using the Bic lighter and emory cloth method.

#20, .25 pounds, 80.7 ft, Red or Grn, \$2.00 ea
#22, .25 pounds, 129 ft, Red or Grn, \$2.00 ea
#24, .25 pounds, 201 ft, Red or Grn, \$2.25 ea
#26, .25 pounds, 319 ft, Red or Grn, \$2.25 ea
#28, .25 pounds, 507 ft, Red, or Grn, \$2.85 ea
#30, .25 pounds, 802 ft, Red or Grn, \$2.85 ea

I'd also like to thank Chris Trask for pointing out the world's best source for "exotic magnet wire" and specialty wires for RF design. Their depth of inventory is utterly amazing! However, for "common" QRP applications, their prices are considerably higher than Team Sales. Chris's contact info for the "absolute world's best source for magnet wire" is:

Magnet Wire Co.
A Division of Weico Wire & Cable, Inc.
161 Rodeo Drive
Edgewood, New York 11717

Tel: (516) 667-9315
Fax: (516) 254-2099

(standard disclaimer... I'm not related to any of these guys.....) And, always remember... there's a LOT of wire on a small roll of #30 magnet wire ;)

Happy winding and stealth antennas to all,

72 - Conrad Weiss - NN6CW

Date: 17 Sep 1998 18:47:01 -0400
From: Glen Leinweber <leinwebe@mcmail.cis.mcmaster.ca>

To: qrp-1;;
Subject: [20389] Re: QRP-L Fox Hunt Tales
Message-ID: <1998Sep17.184701-0400@[130.113.234.7]>

Another great moment in foxhunting>

Can't remember if I actually worked Norm (the fox) that evening, but I had a front-row-seat to the hunt: Norm in Florida, me in Ontario. I could clearly hear the pileup, and I suspect Norm had a similar view of the field from his QTH.

It was a difficult pileup - many signals on the same frequency, about equal signal level (no boomers in the bunch).

Now I'm not a tester, so not used to pileups - this one seemed impenetrable to me. But Norm just kept pulling 'em out of the mess one after the other. Bang, bang, bang.... no miscues, no foulups. This fox had the hounds dancing to his tune. It was sweet music and I sat enthralled for the whole two hours.
Glen VE3DNL leinwebe@mcmaster.ca

Date: Thu, 17 Sep 1998 18:54:17 EDT
From: BADDDBadger@aol.com
To: qrp-1@Lehigh.EDU
Subject: [20390] Re: Am audio (non QRP-related)qrp-1@Lehigh.EDUqrp-1@Lehigh.EDUqrp-1@Lehigh.EDU
Message-ID: <57066e8a.36019319@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 9/17/98 6:37:06 PM, ataylor@heracles.llnl.gov writes:

>Boy, is that NOT QRP related. Why did you post it here?
>
>K7GT
>

Hey! I was young then. Fast cars, women, KW's.

End of QRP-L Digest 1217
